



Proteasomes / Activators / Subunits

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E2 Conjugating Enzymes

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Ubiquitin / SUMO Chains

Ubiquitin / Ubiquitin-like Proteins / Mutants

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Ubiquitin / UBL Derivatives

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Fluorescent Peptide / Protein Substrates

Ubiquitin Binding Proteins

Antibodies

Kits

Protein Expression / Purification Reagents

DNA/Protein Ladders

ABOUT UBPBIO

The Ubiquitin-Proteasome Biotechnologies, LLC (UBPBio) was co-founded by experienced scientists and private investors in 2011. We are dedicated to providing the academic and industrial communities with high quality and affordable reagents to accelerate discoveries on the ubiquitin-proteasome system and related pathways. Our products were launched to the ubiquitin-proteasome community at the end of 2012. We currently carry 270 products in 15 categories. We plan to manufacture approximately 200 new products by the end of 2015. We greatly appreciate many scientists who have trusted our hard work and we are proud of our contribution to their important discoveries. Please visit www.ubpbio.com for our product details and special offers.

HOW TO ORDER

Method 1 To order online (for customers in the United States and Canada only)

- Step 1: Log into your UBPBio account at www.ubpbio.com. If you are a first-time user, please take 3-5 minutes to register first.
- Step 2: Browse the Product List or search the website to find the products.
- Step 3: Edit the quantity and add all items to cart.
- Step 4: Review and submit your order at My Cart using credit card or PO.

Method 2 To order by Fax or Email

Open the Order Center tab at www.ubpbio.com homepage to download the order form (PDF or MS Word). Fax your order to 1-800-682-6801, or email to order@ubpbio.com.

Method 3 To order by quotation

- Step 1: Open the Request A Quote tab at www.ubpbio.com home page.
- Step 2: Fill in and submit the online quotation form.
- Step 3: We will issue a quotation via email within one business day.
- Step 4: Complete the issued quotation form with payment information (credit card, PO or wire transfer). Fax your order to 1-800-682-6801 or email to order@ubpbio.com.

Method 4 To order via distributors

We have experienced distributors in Belgium/Netherlands/Luxembourg, China, France, Germany, India, Israel, Japan, Israel, Taiwan and United Kingdom (see last page of this booklet for contact information).

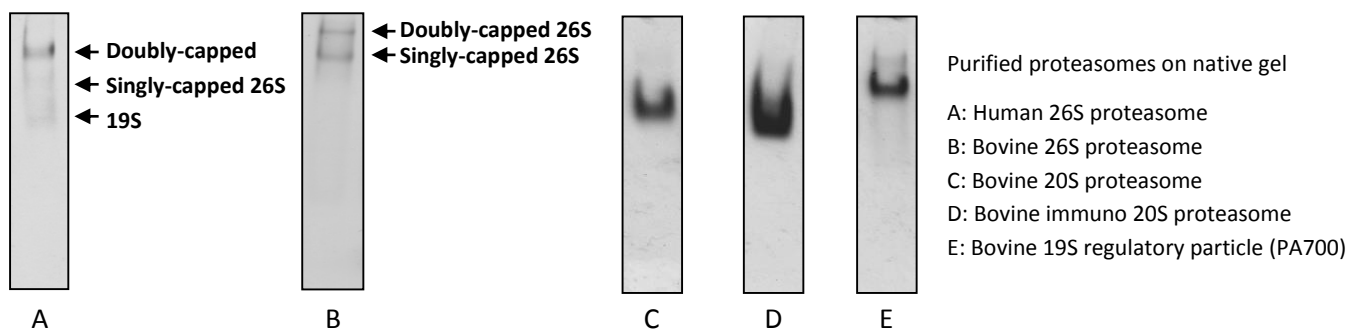
FEATURED PRODUCTS

Highly Purified Active Proteasomes

- Human 26S proteasome (catalog A1100/A1101);
- Bovine 26S proteasome (catalog A1200/A1201);
- Bovine 20S proteasome (catalog A1400/A1401);
- Bovine immuno 20S proteasome (catalog A1500/A1501);
- Bovine 19S regulatory particle (PA700) (catalog A1300/A1301)

Applications:

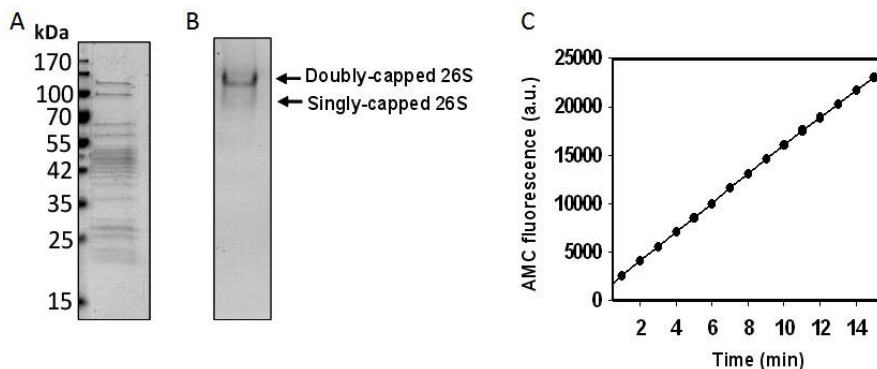
Assay proteasomal activities; Reconstitute proteasomal degradation; Screen proteasome inhibitors



26S Proteasome Purification Kit (Catalog J4310/J4320)

Features:

- Rapid purification of endogenous 26S proteasome in cells or tissue lysates (approximately 8 hours)*
- Suitable for small and large scale of purifications*
- Produce active 26S proteasome for activity assays*



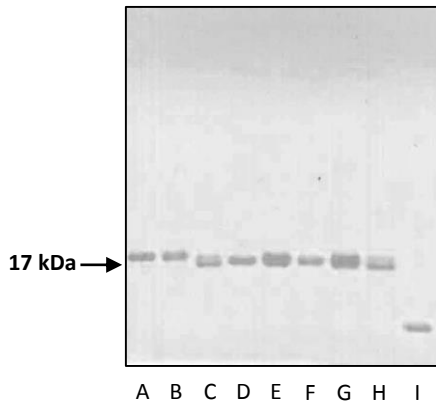
- A. Coomassie stained SDS-PAGE of 3 µg purified human 26S proteasomes from 293T cells.
- B. Coomassie stained native-PAGE of 3 µg purified human 26S proteasomes from 293T cells.
- C. Solution peptidase assay using SUC-LLVY-AMC as the fluorogenic substrate to determine the chymotrypsin-like activity of purified human 26S proteasome.

Di-Ub Explorer Kit (Catalog J2000)

(Containing highly purified linear, K6, K11, K27, K29, K33, K48 and K63 Ub₂)

Applications:

Determination of Ub linkage specificity of deubiquitinating enzymes and Ub-binding proteins



Coomassie-stained SDS-PAGE of 1 µg each diUb

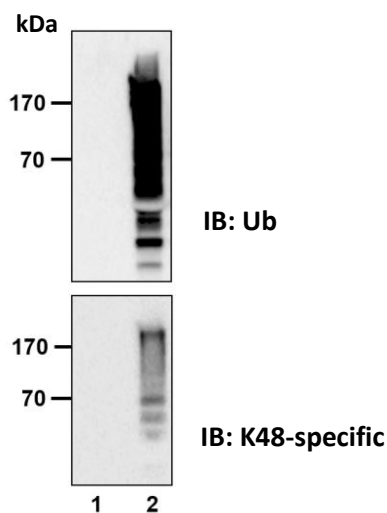
- A: Linear diUb
- B: K6-linked diUb
- C: K11-linked diUb
- D: K27-linked diUb
- E: K29-linked diUb
- F: K33-linked diUb
- G: K48-linked diUb
- H: K63-linked diUb
- I: Ubiquitin

PolyUb Chain Capture Kit

(Catalog J4460)

Applications:

Rapid enrichment of the majority of polyubiquitinated proteins in cell or tissue lysates; Identification of polyubiquitinated proteins by immunoblotting or mass spectrometry after enrichment



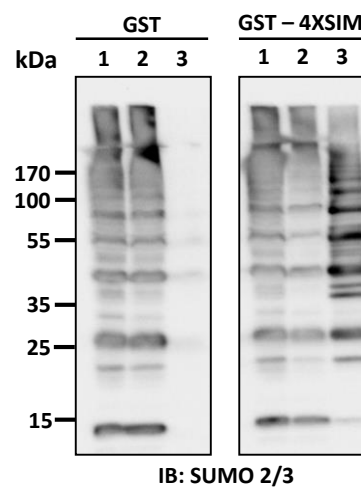
5 mg HeLa cell lysates were mixed with 0.2 mg GST (lane 1, negative control) or GST-tagged Ub binding proteins (lane 2). 10% eluates were separated on SDS-PAGE, followed by immunoblotting of Ub or K48-specific Ub chains.

PolySUMO Capture and Release Kit

(Catalog J4410)

Applications:

Rapid enrichment of polysumolyated proteins in cell or tissue lysates; Released polysumolyated proteins are at native states suitable for downstream assays



GST pull-down was used as a negative control in these assays.

Lane 1: 293T cell lysates before pull-down
 Lane 2: 293T cell lysates after pull-down
 Lane 3: Eluates

Proteasome and Proteasomal DUB Inhibitors

> 98% purity and low price

MG132 (catalog F1100) - the mostly used proteasome inhibitor in basic science researches.

PS341 (catalog F1200) – the first FDA approved proteasome inhibitor for the treatment of multiple myeloma.

Carfilzomib (catalog F1300) – a derivative of epoxomicin, recently approved by the FDA for the treatment of multiple myeloma.

Epoxomicin (catalog F1400) – a highly specific, potent and irreversible inhibitor of the proteasome.

ONX-0914 (catalog F1410) – a selective immunoproteasome inhibitor at low concentrations (0.1 - 0.3 μ M).

IU1 (catalog F4100)– an inhibitor of proteasome-associating DUB USP14.

b-AP15 (catalog F2100) – an inhibitor that targets proteasome-associating DUBs USP14 and UCH37.

Protein and Antibody Affinity Purification Resins

| Resin | Binding Capacity |
|-----------------------------------|---------------------------------|
| Nickel <i>XPure</i> Agarose | > 26 mg / ml gel |
| Glutathione Agarose | > 10 mg GST / ml gel |
| Streptavidin <i>XPure</i> Agarose | > 330 nmol free biotin / ml gel |
| Protein A Agarose | ~ 25 mg human IgG / ml gel |
| Protein G <i>XPure</i> Agarose | ~ 20 mg human IgG / ml gel |

Ub Derivatives

Ub aldehyde (catalog F3100) – a reversible cysteine protease DUB inhibitor

HA-Ub-VME (catalog M1010) – an irreversible cysteine protease DUB inhibitor

Biotin-Ub-PA (catalog M1020) – an irreversible cysteine protease DUB inhibitor, but the formed covalent bond can be cleaved by acid treatment (5% TFA), well suitable for identification of modified DUBs by mass spectrometry.

Ub-AMC (catalog M3010) – a fluorogenic substrate of DUBs. AMC fluorescence can be determined at excitation/emission wavelengths of 360 nm/460 nm.

Ub-Rhodamine 110 (catalog M3020) – a fluorogenic substrate of DUBs. Rhodamine 110 fluorescence can be determined at excitation/emission wavelengths of 485 nm/535 nm.

TAMRA-Lys(Ub)-Gly (catalog M3030) – A DUB substrate for fluorescence polarization assay using excitation/emission wavelengths at 530 nm/580 nm.

CATALOGS

Proteasomes / Activators / Subunits

| CAT. # | PRODUCT NAME | SIZE | PRICE |
|--------|------------------------------|--------|-------|
| A1100 | Human 26S proteasome | 25 µg | \$225 |
| A1101 | Human 26S proteasome | 50 µg | \$420 |
| A1200 | Bovine 26S proteasome | 25 µg | \$180 |
| A1201 | Bovine 26S proteasome | 50 µg | \$300 |
| A1300 | Bovine 19S (PA700) | 25 µg | \$180 |
| A1301 | Bovine 19S (PA700) | 50 µg | \$300 |
| A1400 | Bovine 20S proteasome | 25 µg | \$105 |
| A1401 | Bovine 20S proteasome | 50 µg | \$180 |
| A1500 | Bovine immuno 20S proteasome | 25 µg | \$150 |
| A1501 | Bovine immuno 20S proteasome | 50 µg | \$250 |
| A2100 | 6xHis-PA28alpha | 25 µg | \$80 |
| A2101 | 6xHis-PA28alpha | 100 µg | \$160 |
| A2200 | 6xHis-PA28beta | 25 µg | \$80 |
| A2201 | 6xHis-PA28beta | 100 µg | \$160 |
| A2300 | 6xHis-PA28gamma | 25 µg | \$80 |

| CAT. # | PRODUCT NAME | SIZE | PRICE |
|--------|-----------------|--------|-------|
| A2301 | 6xHis-PA28gamma | 100 µg | \$160 |
| A3300 | GST-S5a | 25 µg | \$80 |
| A3301 | GST-S5a | 100 µg | \$150 |
| A3310 | S5a | 25 µg | \$80 |
| A3311 | S5a | 100 µg | \$150 |
| A3400 | 6xHis-Adrm1 | 25 µg | \$80 |
| A3401 | 6xHis-Adrm1 | 100 µg | \$150 |
| A3500 | 6xHis-Uch37 | 25 µg | \$80 |
| A3501 | 6xHis-Uch37 | 100 µg | \$150 |
| A3600 | Adrm1/Uch37 | 25 µg | \$80 |
| A3601 | Adrm1/Uch37 | 100 µg | \$150 |
| A3710 | 6xHis-Usp14 | 25 µg | \$80 |
| A3711 | 6xHis-Usp14 | 100 µg | \$150 |
| A3900 | 6xHis-PI31 | 25 µg | \$95 |
| A3901 | 6xHis-PI31 | 100 µg | \$225 |

E1 - Activating Enzymes

| CAT. # | PRODUCT NAME | SIZE | PRICE |
|--------|--------------|--------|-------|
| B1100 | UBE1 | 25 µg | \$95 |
| B1101 | UBE1 | 100 µg | \$300 |
| B1110 | GST-UBE1 | 25 µg | \$95 |
| B1111 | GST-UBE1 | 100 µg | \$275 |

| CAT. # | PRODUCT NAME | SIZE | PRICE |
|--------|-------------------|--------|-------|
| B1300 | 6xHis-SAE1/SAE2 | 25 µg | \$95 |
| B1301 | 6xHis-SAE1/SAE2 | 100 µg | \$300 |
| B1400 | APPBP1/6xHis-UBA3 | 25 µg | \$95 |
| B1401 | APPBP1/6xHis-UBA3 | 100 µg | \$300 |

E2 - Conjugating Enzymes

| CAT. # | PRODUCT NAME | SIZE | PRICE |
|--------|-----------------------|--------|-------|
| C1100 | 6xHis-UbE2A (Rad6A) | 25 µg | \$85 |
| C1101 | 6xHis-UbE2A (Rad6A) | 100 µg | \$190 |
| C1200 | 6xHis-UbE2B | 25 µg | \$85 |
| C1201 | 6xHis-UbE2B | 100 µg | \$190 |
| C1300 | 6xHis-UbE2C (UbcH10) | 25 µg | \$85 |
| C1301 | 6xHis-UbE2C (UbcH10) | 100 µg | \$190 |
| C1400 | 6xHis-UbE2D1 (UbcH5A) | 25 µg | \$85 |
| C1401 | 6xHis-UbE2D1 (UbcH5A) | 100 µg | \$190 |
| C1500 | 6xHis-UbE2D2 (UbcH5B) | 25 µg | \$85 |
| C1501 | 6xHis-UbE2D2 (UbcH5B) | 100 µg | \$190 |
| C1600 | 6xHis-UbE2D3 (UbcH5C) | 25 µg | \$85 |
| C1601 | 6xHis-UbE2D3 (UbcH5C) | 100 µg | \$190 |
| C1700 | 6xHis-UbE2D4 (UbcH5D) | 25 µg | \$85 |
| C1701 | 6xHis-UbE2D4 (UbcH5D) | 100 µg | \$190 |
| C1800 | 6xHis-UbE2E1 (UbcH6) | 25 µg | \$85 |
| C1801 | 6xHis-UbE2E1 (UbcH6) | 100 µg | \$190 |
| C1900 | 6xHis-UbE2E2 (UbcH8) | 25 µg | \$85 |

| CAT. # | PRODUCT NAME | SIZE | PRICE |
|--------|-----------------------------|--------|-------|
| C2401 | 6xHis-UbE2H (UbcH2) | 100 µg | \$190 |
| C2500 | 6xHis-UbE2I | 25 µg | \$85 |
| C2501 | 6xHis-UbE2I | 100 µg | \$190 |
| C2800 | GST-UbE2K (E2-25K) | 25 µg | \$85 |
| C2801 | GST-Ube2K (E2-25K) | 100 µg | \$190 |
| C2900 | 6xHis-UbE2L3 | 25 µg | \$85 |
| C2901 | 6xHis-UbE2L3 | 100 µg | \$190 |
| C3000 | 6xHis-UbE2L6 | 25 µg | \$85 |
| C3001 | 6xHis-UbE2L6 | 100 µg | \$190 |
| C3100 | 6xHis-UbE2M (UbcH12) | 25 µg | \$85 |
| C3101 | 6xHis-UbE2M (UbcH12) | 100 µg | \$190 |
| C3200 | 6xHis-UbE2N | 25 µg | \$85 |
| C3201 | 6xHis-UbE2N | 100 µg | \$190 |
| C3400 | 6xHis-UbE2Q2 | 25 µg | \$85 |
| C3401 | 6xHis-UbE2Q2 | 100 µg | \$190 |
| C3500 | 6xHis-UbE2R1 (UbcH3, Cdc34) | 25 µg | \$85 |
| C3501 | 6xHis-UbE2R1 (UbcH3, Cdc34) | 100 µg | \$190 |

HIGH QUALITY REAGENTS AND SERVICES, ACCELERATED DISCOVERIES

| CAT. # | PRODUCT NAME | SIZE | PRICE |
|--------|----------------------|--------|-------|
| C1901 | 6xHis-UbE2E2 (UbcH8) | 100 µg | \$190 |
| C2000 | 6xHis-UbE2E3 (UbcH9) | 25 µg | \$85 |
| C2001 | 6xHis-UbE2E3 (UbcH9) | 100 µg | \$190 |
| C2100 | 6xHis-UbE2F | 25 µg | \$85 |
| C2101 | 6xHis-UbE2F | 100 µg | \$190 |
| C2200 | 6xHis-UbE2G1 | 25 µg | \$85 |
| C2201 | 6xHis-UbE2G1 | 100 µg | \$190 |
| C2300 | 6xHis-UbE2G2 | 25 µg | \$85 |
| C2301 | 6xHis-UbE2G2 | 100 µg | \$190 |
| C2400 | 6xHis-UbE2H (UbcH2) | 25 µg | \$85 |

| CAT. # | PRODUCT NAME | SIZE | PRICE |
|--------|--------------|--------|-------|
| C3600 | 6xHis-UbE2R2 | 25 µg | \$85 |
| C3601 | 6xHis-UbE2R2 | 100 µg | \$190 |
| C3700 | 6xHis-UbE2S | 25 µg | \$85 |
| C3701 | 6xHis-UbE2S | 100 µg | \$190 |
| C3800 | 6xHis-UbE2T | 25 µg | \$85 |
| C3801 | 6xHis-UbE2T | 100 µg | \$190 |
| C3900 | 6xHis-UbE2V2 | 25 µg | \$85 |
| C3901 | 6xHis-UbE2V2 | 100 µg | \$190 |
| C4000 | 6xHis-UbE2W | 25 µg | \$85 |
| C4001 | 6xHis-UbE2W | 100 µg | \$190 |

E3 - Ubiquitin Ligases

| CAT. # | PRODUCT NAME | SIZE | PRICE |
|--------|--------------|--------|-------|
| K1100 | GST-RNF4 | 50 µg | \$95 |
| K1101 | GST-RNF4 | 250 µg | \$195 |
| K1200 | 6xHis-CHIP | 50 µg | \$95 |
| K1201 | 6xHis-CHIP | 250 µg | \$195 |

| CAT. # | PRODUCT NAME | SIZE | PRICE |
|--------|------------------|--------|-------|
| K1300 | HSP70 | 25 µg | \$95 |
| K1301 | HSP70 | 100 µg | \$195 |
| K1400 | ITCH | 25 µg | \$195 |
| K1410 | GST-UbE3A (E6AP) | 100 µg | \$195 |

Ubiquitin and SUMO Chains

| CAT. # | PRODUCT NAME | SIZE | PRICE |
|--------|----------------------------------|--------|-------|
| D1100 | K48-Ub2 | 25 µg | \$65 |
| D1101 | K48-Ub2 | 100 µg | \$125 |
| D1200 | K48-Ub3 | 25 µg | \$65 |
| D1201 | K48-Ub3 | 50 µg | \$125 |
| D1300 | K48-Ub4 | 25 µg | \$120 |
| D1301 | K48-Ub4 | 50 µg | \$210 |
| D1400 | K48-Ub5 | 25 µg | \$150 |
| D1500 | K48-Ub(2-8) | 25 µg | \$65 |
| D1501 | K48-Ub(2-8) | 50 µg | \$110 |
| D1600 | Non-cleavable K48 Ub (2-6) | 25 µg | \$95 |
| D1601 | Non-cleavable K48 Ub (2-6) | 100 µg | \$200 |
| D1700 | 6xHis-Non-cleavable K48 Ub (2-4) | 25 µg | \$115 |
| D1701 | 6xHis-Non-cleavable K48 Ub (2-4) | 100 µg | \$220 |
| D2100 | K63-Ub2 | 25 µg | \$65 |
| D2101 | K63-Ub2 | 50 µg | \$115 |
| D2200 | K63-Ub3 | 25 µg | \$120 |
| D2201 | K63-Ub3 | 50 µg | \$210 |
| D2300 | K63-Ub4 | 25 µg | \$120 |
| D2301 | K63-Ub4 | 50 µg | \$210 |
| D2400 | K63-Ub5 | 25 µg | \$120 |
| D2401 | K63-Ub5 | 50 µg | \$210 |
| D2500 | K63-Ub6 | 25 µg | \$120 |
| D2501 | K63-Ub6 | 50 µg | \$210 |
| D2600 | K63-Ub(2-12) | 25 µg | \$65 |
| D2601 | K63-Ub(2-12) | 50 µg | \$125 |

| CAT. # | PRODUCT NAME | SIZE | PRICE |
|--------|------------------------------|--------|-------|
| D2700 | Non-cleavable K63 PolyUb | 25 µg | \$95 |
| D2701 | Non-cleavable K63 PolyUb | 100 µg | \$200 |
| D2800 | 6xHis-Non-cleavable K63 | 25 µg | \$115 |
| D2801 | 6xHis-Non-cleavable K63 | 100 µg | \$220 |
| D3100 | K11-Ub2 | 25 µg | \$120 |
| D3101 | K11-Ub2 | 50 µg | \$210 |
| D3200 | K11-Ub3 | 25 µg | \$195 |
| D3300 | K11-Ub(n≥3) | 25 µg | \$120 |
| D3301 | K11-Ub(n≥3) | 50 µg | \$210 |
| D4100 | GST-linear Ub2 | 100 µg | \$95 |
| D4110 | GST-linear Ub4 | 100 µg | \$95 |
| D4210 | 6xHis-linear Ub4 | 100 µg | \$95 |
| D4220 | 6xHis-linear Ub6 | 100 µg | \$95 |
| D4230 | 6xHis-linear Ub8 | 100 µg | \$95 |
| D4400 | Non-cleavable Linear Ub6 | 100 µg | \$150 |
| D4410 | 6xHis-Non-cleavable Lin. Ub6 | 100 µg | \$150 |
| D4430 | 6xHis-Non-cleavable Lin. Ub4 | 100 µg | \$150 |
| D4300 | Linear Ub2 | 100 µg | \$95 |
| D5110 | K6-linked diUb | 25 µg | \$250 |
| D5210 | K27-linked diUb | 25 µg | \$250 |
| D5310 | K29-linked diUb | 25 µg | \$250 |
| D5410 | K33-linked diUb | 25 µg | \$250 |
| D9100 | Di-SUMO2 | 25 µg | \$85 |
| D9110 | SUMO2 Chain (2-6) | 25 µg | \$150 |
| D9130 | Non-cleavable SUMO2 Chain | 25 µg | \$150 |

Ubiquitin / Ubiquitin-like Proteins / Mutants

| CAT. # | PRODUCT NAME | SIZE | PRICE |
|--------|------------------------|--------|-------|
| E1100 | Ubiquitin | 5 mg | \$55 |
| E1110 | Ubiquitin(1-75) | 1 mg | \$70 |
| E1120 | Ubiquitin (+1) | 100 µg | \$195 |
| E1200 | GST-Ubiquitin | 1 mg | \$95 |
| E1210 | GST-Ubiquitin(1-75) | 1 mg | \$90 |
| E1220 | GST-Ubiquitin (+1) | 100 µg | \$225 |
| E1300 | 6xHis-Ubiquitin | 1 mg | \$55 |
| E1310 | 6xHis-Ubiquitin(1-75) | 1 mg | \$70 |
| E1320 | 6xHis-Ubiquitin (+1) | 100 µg | \$195 |
| E1400 | HA-Ubiquitin | 1 mg | \$55 |
| E1500 | 6xHis-Ub-GFP | 25 µg | \$85 |
| E1501 | 6xHis-Ub-GFP | 100 µg | \$195 |
| E1610 | Ubiquitin (K0) | 1 mg | \$70 |
| E1620 | Ubiquitin (K6R) | 1 mg | \$70 |
| E1630 | Ubiquitin (K11R) | 1 mg | \$70 |
| E1640 | Ubiquitin (K27R) | 1 mg | \$70 |
| E1650 | Ubiquitin (K29R) | 1 mg | \$70 |
| E1660 | Ubiquitin (K33R) | 1 mg | \$70 |
| E1670 | Ubiquitin (K48R) | 1 mg | \$70 |
| E1680 | Ubiquitin (K63R) | 1 mg | \$70 |
| E1710 | 6xHis-Ubiquitin (K0) | 1 mg | \$70 |
| E1720 | 6xHis-Ubiquitin (K6R) | 1 mg | \$70 |
| E1730 | 6xHis-Ubiquitin (K11R) | 1 mg | \$70 |
| E1740 | 6xHis-Ubiquitin (K27R) | 1 mg | \$70 |
| E1750 | 6xHis-Ubiquitin (K29R) | 1 mg | \$70 |
| E1760 | 6xHis-Ubiquitin (K33R) | 1 mg | \$70 |
| E1770 | 6xHis-Ubiquitin (K48R) | 1 mg | \$70 |
| E1780 | 6xHis-Ubiquitin (K63R) | 1 mg | \$70 |

| CAT. # | PRODUCT NAME | SIZE | PRICE |
|--------|----------------------------|--------|-------|
| E1820 | 6xHis-Ubiquitin (K6 only) | 1 mg | \$70 |
| E1830 | 6xHis-Ubiquitin (K11 only) | 1 mg | \$70 |
| E1840 | 6xHis-Ubiquitin (K27 only) | 1 mg | \$70 |
| E1850 | 6xHis-Ubiquitin (K29 only) | 1 mg | \$70 |
| E1860 | 6xHis-Ubiquitin (K33 only) | 1 mg | \$70 |
| E1870 | 6xHis-Ubiquitin (K48 only) | 1 mg | \$70 |
| E1880 | 6xHis-Ubiquitin (K63 only) | 1 mg | \$70 |
| E1900 | Ubiquitin (I44A) | 1 mg | \$70 |
| E1910 | 6xHis-Ubiquitin (I44A) | 1 mg | \$70 |
| E1920 | GST-Ubiquitin (I44A) | 1 mg | \$70 |
| E1930 | Ubiquitin (L73P) | 1 mg | \$70 |
| E1940 | 6xHis-Ubiquitin (L73P) | 1 mg | \$70 |
| E2100 | 6xHis-ISG15 | 500 µg | \$150 |
| E2200 | 6xHis-mISG15-GFP | 25 µg | \$85 |
| E2201 | 6xHis-mISG15-GFP | 100 µg | \$195 |
| E3100 | SUMO1 | 500 µg | \$150 |
| E3110 | GST-SUMO1 | 500 µg | \$100 |
| E3120 | 6xHis-SUMO1 | 500 µg | \$150 |
| E3200 | SUMO2 | 500 µg | \$150 |
| E3210 | GST-SUMO2 | 500 µg | \$100 |
| E3220 | 6xHis-SUMO2 | 500 µg | \$150 |
| E3230 | SUMO2 (Q90P) | 500 µg | \$150 |
| E3240 | GST-SUMO2 (Q90P) | 500 µg | \$150 |
| E3250 | 6xHis-SUMO2 (Q90P) | 500 µg | \$150 |
| E3300 | SUMO3 | 500 µg | \$150 |
| E3310 | GST-SUMO3 | 500 µg | \$100 |
| E3320 | 6xHis-SUMO3 | 500 µg | \$150 |
| E4100 | 6xHis-Nedd8 | 500 µg | \$135 |

Deubiquitinating Enzymes

| CAT. # | PRODUCT NAME | SIZE | PRICE |
|--------|--------------|--------|-------|
| H1100 | UCHL1 | 25 µg | \$80 |
| H1101 | UCHL1 | 100 µg | \$150 |
| H1110 | GST-UCHL1 | 25 µg | \$80 |
| H1111 | GST-UCHL1 | 100 µg | \$150 |
| H1200 | UCHL3 | 25 µg | \$80 |
| H1201 | UCHL3 | 100 µg | \$150 |
| H1210 | GST-UCHL3 | 25 µg | \$80 |
| H1211 | GST-UCHL3 | 100 µg | \$150 |
| H3000 | OTUB1 | 25 µg | \$80 |
| H3001 | OTUB1 | 100 µg | \$150 |
| H3010 | GST-OTUB1 | 25 µg | \$80 |

| CAT. # | PRODUCT NAME | SIZE | PRICE |
|--------|----------------|--------|-------|
| H3011 | GST-OTUB1 | 100 µg | \$150 |
| H3100 | OTUB2 | 25 µg | \$80 |
| H3101 | OTUB2 | 100 µg | \$150 |
| H3110 | GST-OTUB2 | 25 µg | \$80 |
| H3111 | GST-OTUB2 | 100 µg | \$150 |
| H3210 | GST-A20(1-365) | 25 µg | \$80 |
| H3211 | GST-A20(1-365) | 100 µg | \$150 |
| H5700 | USP7 | 25 µg | \$235 |
| H5710 | GST-USP7 | 25 µg | \$195 |
| H6110 | GST-USP11 | 25 µg | \$195 |
| H6500 | GST-USP15 | 50 µg | \$195 |

Proteasome / Deubiquitinase Inhibitors

| CAT. # | PRODUCT NAME | SIZE | PRICE |
|--------|----------------------|--------|-------|
| F1100 | MG-132 | 5 mg | \$55 |
| F1101 | MG-132 | 25 mg | \$200 |
| F1102 | MG-132 | 100 mg | \$600 |
| F1200 | PS-341 | 5 mg | \$70 |
| F1201 | PS-341 | 25 mg | \$220 |
| F1202 | PS-341 | 100 mg | \$640 |
| F1300 | Carfilzomib (PR-171) | 5 mg | \$90 |
| F1301 | Carfilzomib (PR-171) | 25 mg | \$295 |
| F1400 | Epoxomicin | 100 µg | \$115 |

| CAT. # | PRODUCT NAME | SIZE | PRICE |
|--------|-------------------|--------|-------|
| F1401 | Epoxomicin | 500 µg | \$350 |
| F1410 | ONX-0914 (PR-957) | 5 mg | \$125 |
| F1411 | ONX-0914 (PR-957) | 25 mg | \$395 |
| F2100 | b-AP15 | 2 mg | \$55 |
| F2101 | b-AP15 | 10 mg | \$135 |
| F3100 | Ub aldehyde | 50 µg | \$105 |
| F4100 | IU1 | 5 mg | \$65 |
| F4101 | IU1 | 25 mg | \$240 |

Fluorescent Peptide / Protein Substrates

| CAT. # | PRODUCT NAME | SIZE | PRICE |
|--------|--------------|-------|-------|
| G1100 | Suc-LLVY-AMC | 5 mg | \$55 |
| G1101 | Suc-LLVY-AMC | 25 mg | \$240 |
| G2100 | Z-LLE-AMC | 5 mg | \$95 |
| G2101 | Z-LLE-AMC | 25 mg | \$320 |
| G3100 | Boc-LRR-AMC | 5 mg | \$60 |

| CAT. # | PRODUCT NAME | SIZE | PRICE |
|--------|--------------------------|--------|-------|
| G3101 | Boc-LRR-AMC | 25 mg | \$240 |
| G4100 | Gly-AMC | 50 mg | \$120 |
| G4101 | Gly-AMC | 250 mg | \$350 |
| G7000 | Polyubiquitinated E2-25K | 50 µg | \$195 |
| G7010 | Polyubiquitinated UbE2S | 50 µg | \$195 |

Ubiquitin Binding Proteins

| CAT. # | PRODUCT NAME | SIZE | PRICE |
|--------|---------------------|--------|-------|
| I1100 | GST | 1 mg | \$95 |
| I1110 | GST-hHR23B (Rad23B) | 25 µg | \$80 |
| I1111 | GST-hHR23B (Rad23B) | 100 µg | \$150 |
| I1200 | VCP (bovine) | 25 µg | \$120 |
| I1201 | VCP (bovine) | 50 µg | \$210 |
| I1300 | GST-4xSIM | 100 µg | \$95 |
| I1301 | GST-4xSIM | 500 µg | \$195 |
| I1310 | 6xHis-4xSIM | 100 µg | \$95 |
| I1311 | 6xHis-4xSIM | 500 µg | \$195 |
| I1400 | GST-ZnF-UBP | 100 µg | \$95 |
| I1401 | GST-ZnF-UBP | 500 µg | \$195 |
| I1410 | 6xHis -ZnF-UBP | 100 µg | \$95 |
| I1411 | 6xHis -ZnF-UBP | 500 µg | \$195 |
| I1500 | GST-NEMO | 25 µg | \$80 |
| I1501 | GST-NEMO | 100 µg | \$150 |

| CAT. # | PRODUCT NAME | SIZE | PRICE |
|--------|-------------------|--------|-------|
| I1510 | GST-NEMO (L329P) | 25 µg | \$80 |
| I1511 | GST-NEMO (L329P) | 100 µg | \$150 |
| I1520 | 6xHis-NEMO (UBAN) | 100 µg | \$105 |
| I1521 | 6xHis-NEMO (UBAN) | 500 µg | \$215 |
| I1530 | GST-NEMO (UBAN) | 100 µg | \$105 |
| I1531 | GST-NEMO (UBAN) | 500 µg | \$215 |
| I1610 | 6xHis-S5a (UIM) | 100 µg | \$105 |
| I1611 | 6xHis-S5a (UIM) | 500 µg | \$215 |
| I1620 | GST-S5a (UIM) | 100 µg | \$105 |
| I1621 | GST-S5a (UIM) | 500 µg | \$215 |
| I1710 | 6xHis-TAB2 (NZF) | 100 µg | \$105 |
| I1711 | 6xHis-TAB2 (NZF) | 500 µg | \$215 |
| I1720 | GST-TAB2 (NZF) | 100 µg | \$105 |
| I1721 | GST-TAB2 (NZF) | 500 µg | \$215 |

Ubiquitin / UBL Derivatives

| CAT. # | PRODUCT NAME | SIZE | PRICE |
|--------|------------------|-------|-------|
| M1010 | HA-Ub-VME | 25 µg | \$205 |
| M1020 | Biotin-Ub-PA | 25 µg | \$205 |
| F3100 | Ub aldehyde | 50 µg | \$105 |
| M3010 | Ub-Amc | 50 µg | \$200 |
| M3020 | Ub-Rhodamine 110 | 50 µg | \$240 |

| CAT. # | PRODUCT NAME | SIZE | PRICE |
|--------|----------------------|-------|---------|
| M3030 | TAMRA-Lys(Ub)-Gly | 50 µg | \$205 |
| M3040 | TAMRA-Lys(Nedd8)-Gly | 1 mg | Inquiry |
| M3050 | TAMRA-Lys(SUMO1)-Gly | 1 mg | Inquiry |
| M3060 | TAMRA-Lys(SUMO2)-Gly | 1 mg | Inquiry |
| M3070 | TAMRA-Lys(ISG15)-Gly | 1 mg | Inquiry |

Antibodies

| CAT. # | PRODUCT NAME | SIZE | PRICE | CAT. # | PRODUCT NAME | SIZE | PRICE |
|--------|-------------------|--------|-------|--------|----------------------|--------|-------|
| Y1010 | Anti-6xHis | 25 µg | \$90 | Y1061 | Anti-beta-Tubulin | 100 µg | \$245 |
| Y1011 | Anti-6xHis | 100 µg | \$245 | Y1070 | Anti-HA | 25 µg | \$90 |
| Y1020 | Anti-GST | 25 µg | \$90 | Y1071 | Anti-HA | 100 µg | \$245 |
| Y1021 | Anti-GST | 100 µg | \$245 | Y1080 | Anti-V5 | 25 µg | \$90 |
| Y1030 | Anti-GFP | 25 µg | \$90 | Y1081 | Anti-V5 | 100 µg | \$245 |
| Y1031 | Anti-GFP | 100 µg | \$245 | Y1090 | Anti-Myc | 25 µg | \$90 |
| Y1040 | Anti-GAPDH | 25 µg | \$90 | Y1091 | Anti-Myc | 100 µg | \$245 |
| Y1041 | Anti-GAPDH | 100 µg | \$245 | Y1100 | Anti-DYKDDDDK (FLAG) | 25 µg | \$90 |
| Y1050 | Anti-beta-Actin | 25 µg | \$90 | Y1101 | Anti-DYKDDDDK (FLAG) | 100 µg | \$245 |
| Y1051 | Anti-beta-Actin | 100 µg | \$245 | Y2010 | Anti-20S Proteasome | 25 µg | \$90 |
| Y1060 | Anti-beta-Tubulin | 25 µg | \$90 | Y2011 | Anti-20S Proteasome | 100 µg | \$245 |

Kits

| CAT. # | PRODUCT NAME | SIZE | PRICE |
|--------|---|-------|---------|
| J1100 | E2 Screening Kit | 1 Kit | \$980 |
| J1200 | Customized E2 Screening Kit | 1 Kit | \$495 |
| J2000 | Di-ubiquitin Explorer Kit | 1 kit | \$380 |
| J2100 | K48-linked Ub Chain Kit | 1 Kit | \$390 |
| J2200 | K63-linked Ub Chain Kit | 1 Kit | \$520 |
| J2300 | Mixed Ub Chain Kit | 1 Kit | \$450 |
| J2400 | Customized Ub Chain Kit | 1 Kit | Inquiry |
| J2500 | K48 polyUb Chain-binding Protein Identification / Validation Kit | 1 Kit | \$350 |
| J2510 | K63 polyUb Chain-binding Protein Identification / Validation Kit | 1 Kit | \$350 |
| J2520 | Linear polyUb Chain-binding Protein Identification / Validation Kit | 1 Kit | \$300 |
| J3110 | SUMO1 Conjugation Kit | 1 Kit | \$275 |
| J3120 | SUMO2 Conjugation Kit | 1 Kit | \$275 |
| J3130 | SUMO3 Conjugation Kit | 1 Kit | \$275 |
| J3140 | SUMO1, SUMO2, SUMO3 Conjugation Kit | 1 Kit | \$425 |
| J3150 | Nedd8 Conjugation Kit | 1 Kit | \$275 |
| J3200 | Ubiquitin Linkage Screening Kit I | 1 Kit | \$340 |
| J3210 | Ubiquitin Linkage Screening Kit II | 1 Kit | \$340 |
| J3220 | Ubiquitin Linkage Screening Kit III | 1 Kit | \$340 |
| J4110 | Proteasome Activity Fluorometric Assay Kit I | 1 Kit | \$325 |
| J4120 | Proteasome Activity Fluorometric Assay Kit II | 1 Kit | \$425 |
| J4210 | Proteasome Inhibitor Screening Kit I | 1 Kit | \$525 |
| J4220 | Proteasome Inhibitor Screening Kit II | 1 Kit | \$780 |
| J4310 | Rapid 26S Proteasome Purification Kit-S | 1 Kit | \$195 |
| J4320 | Rapid 26S Proteasome Purification Kit-L | 1 Kit | \$595 |
| J4330 | 26S Proteasome-mediated Protein Degradation Kit | 1 Kit | \$345 |
| J4410 | PolySUMO Capture & Release Kit | 1 Kit | \$360 |
| J4420 | Unconjugated (Free) Polyubiquitin Chain Capture Kit | 1 Kit | \$320 |
| J4430 | K48 Polyubiquitin Chain Capture Kit | 1 Kit | \$360 |
| J4440 | K63 Polyubiquitin Chain Capture Kit | 1 Kit | \$360 |
| J4450 | Linear Polyubiquitin Chain Capture Kit | 1 Kit | \$360 |
| J4460 | Polyubiquitin Chain Capture Kit | 1 Kit | \$360 |
| J5110 | Misfolded Protein Ubiquitination Kit | 1 Kit | \$285 |
| J5200 | Loading Control Antibody Kit | 1 Kit | \$520 |

Protein Expression / Purification Reagents

| CAT. # | PRODUCT NAME | SIZE | PRICE |
|-----------|-----------------------------------|--------|-------|
| P1010-10 | IPTG | 10 g | \$50 |
| P1010-25 | IPTG | 25 g | \$100 |
| P1010-100 | IPTG | 100 g | \$300 |
| P3010-5 | Nickel <i>XPure</i> Agarose | 5 ml | \$50 |
| P3010-25 | Nickel <i>XPure</i> Agarose | 25 ml | \$200 |
| P3010-100 | Nickel <i>XPure</i> Agarose | 100 ml | \$500 |
| P3060-10 | Glutathione Agarose | 10 ml | \$120 |
| P3060-100 | Glutathione Agarose | 100 ml | \$900 |
| P3070-2 | Streptavidin <i>XPure</i> Agarose | 2 ml | \$150 |

| CAT. # | PRODUCT NAME | SIZE | PRICE |
|----------|-----------------------------------|---------|-------|
| P3070-5 | Streptavidin <i>XPure</i> Agarose | 5 ml | \$350 |
| P5010-5 | Protein A Agarose | 5 ml | \$200 |
| P5010-25 | Protein A Agarose | 25 ml | \$850 |
| P5040-1 | Protein G <i>XPure</i> Agarose | 1 ml | \$90 |
| P5040-5 | Protein G <i>XPure</i> Agarose | 5 ml | \$285 |
| P5040-25 | Protein G <i>XPure</i> Agarose | 25 ml | \$995 |
| P9010 | Plastic Centrifuge Columnn | 25/Pack | \$90 |
| P9020 | Plastic 1ML Column | 5/Pack | \$40 |
| P9030 | Plastic 5ML Column | 5/Pack | \$50 |

DNA / Protein Ladders

| CAT. # | PRODUCT NAME | SIZE | PRICE |
|--------|-------------------------------------|----------|-------|
| L1010 | 100 bp DNA Ladder | 500 µl | \$42 |
| L1011 | 100 bp DNA Ladder | 6X500 µl | \$214 |
| L1020 | 1 Kb DNA Ladder | 500 µl | \$32 |
| L1021 | 1 Kb DNA Ladder | 6X500 µl | \$163 |
| L2010 | M-XStable Prestained Protein Ladder | 500 µl | \$108 |
| L2011 | M-XStable Prestained Protein Ladder | 6X500 µl | \$540 |
| L2020 | H-XStable Prestained Protein Ladder | 500 µl | \$120 |
| L2021 | H-XStable Prestained Protein Ladder | 6X500 µl | \$595 |

DNA / Protein Ladders Stock-to-Save Program

- Lowest price in market for superior quality DNA and protein ladders
- No shipping charge for addresses inside US and Canada
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- Download the order form at www.ubpbio.com/index.php/product/dna-protein-ladders.html

| 100 bp DNA Ladder | 1 Kb DNA Ladder | M-XStable Prestained Protein Ladder | H-XStable Prestained Protein Ladder |
|------------------------------|----------------------------|--|--|
| L1010 | L1020 | L2010 | L2020 |
| 500 µl | 500 µl | 500 µl | 500 µl |
| \$29 | \$22 | \$84 | \$90 |
| <p>1.5 % TAE agarose gel</p> | <p>1 % TAE agarose gel</p> | <p>Tris-Glycine 4~20% Bis-Tris 12% MOPS buffer Bis-Tris 10% MES buffer</p> | <p>Tris-glycine 4~20% Bis-Tris 10% MOPS buffer Bis-Tris 10% MES buffer</p> |

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