



***Proteasomes / Activators / Subunits***

***E1 Activating Enzymes***

***E2 Conjugating Enzymes***

***E3 Ubiquitin Ligases***

***Ubiquitin / SUMO Chains***

***Ubiquitin / Ubiquitin-like Proteins / Mutants***

***Deubiquitinating Enzymes***

***Ubiquitin / UBL Derivatives***

***Proteasome / Deubiquitinase Inhibitors***

***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](http://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](http://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](http://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](mailto:order@ubpbio.com).

### **Method 3 To order by quotation**

- Step 1: Open the Request A Quote tab at [www.ubpbio.com](http://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](mailto: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).

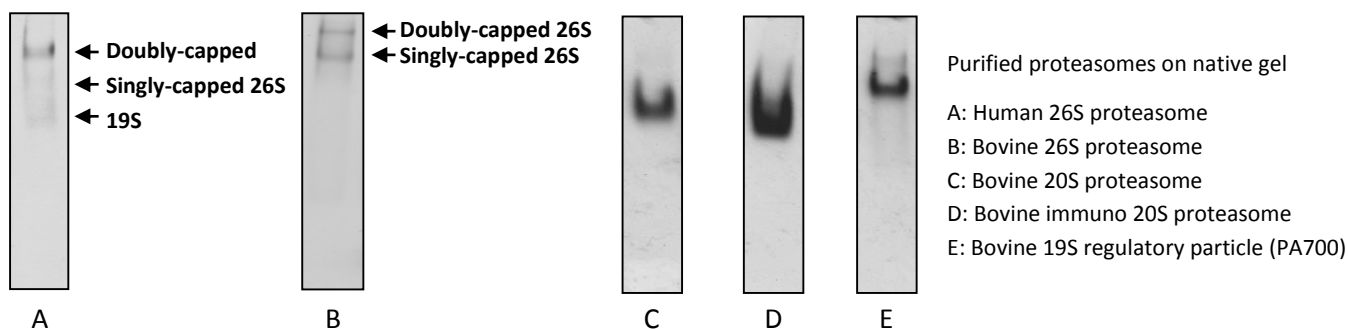
**FEATURED PRODUCTS**

**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:*

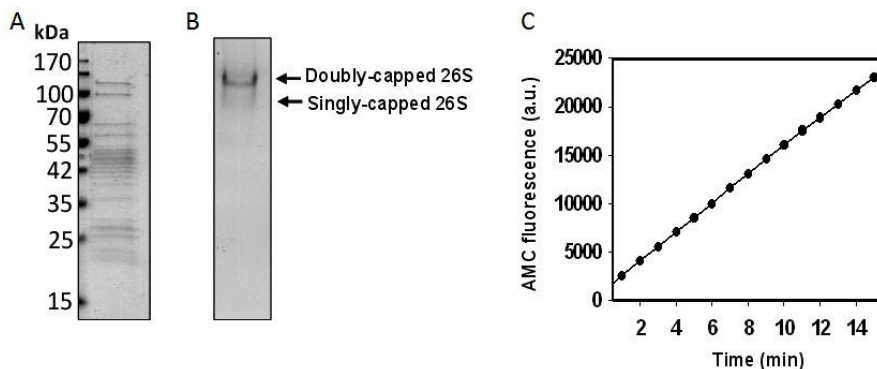
*Assay proteasomal activities; Reconstitute proteasomal degradation; Screen proteasome inhibitors*



**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*



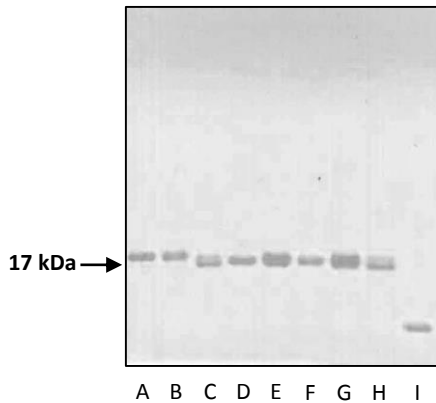
- A. Coomassie stained SDS-PAGE of 3 µg purified human 26S proteasomes from 293T cells.
- B. Coomassie stained native-PAGE of 3 µg purified human 26S proteasomes from 293T cells.
- C. Solution peptidase assay using SUC-LLVY-AMC as the fluorogenic substrate to determine the chymotrypsin-like activity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

### Di-Ub Explorer Kit (Catalog J2000)

(Containing highly purified linear, K6, K11, K27, K29, K33, K48 and K63 Ub<sub>2</sub>)

**Applications:**

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



Coomassie-stained SDS-PAGE of 1 µg each diUb

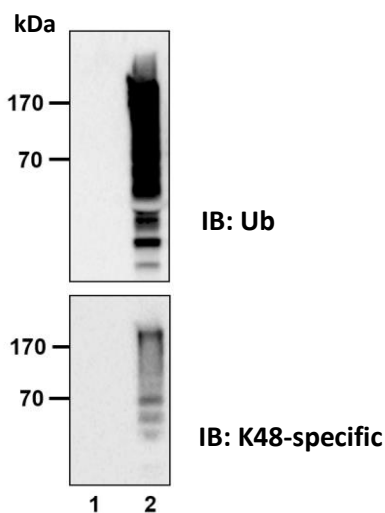
- A: Linear diUb
- B: K6-linked diUb
- C: K11-linked diUb
- D: K27-linked diUb
- E: K29-linked diUb
- F: K33-linked diUb
- G: K48-linked diUb
- H: K63-linked diUb
- I: Ubiquitin

### 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*



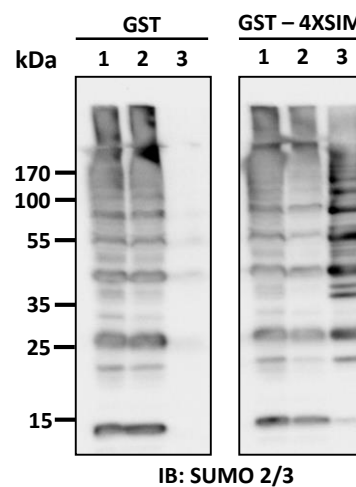
5 mg HeLa cell lysates were mixed with 0.2 mg GST (lane 1, negative control) or GST-tagged Ub binding proteins (lane 2). 10% eluates were separated on SDS-PAGE, followed by immunoblotting of Ub or K48-specific Ub chains.

### 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  $\mu$ 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
- Choose your combination of four products, a minimal order of \$1,200 is required
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- Download the order form at [www.ubpbio.com/index.php/product/dna-protein-ladders.html](http://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>

## DISTRIBUTORS

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