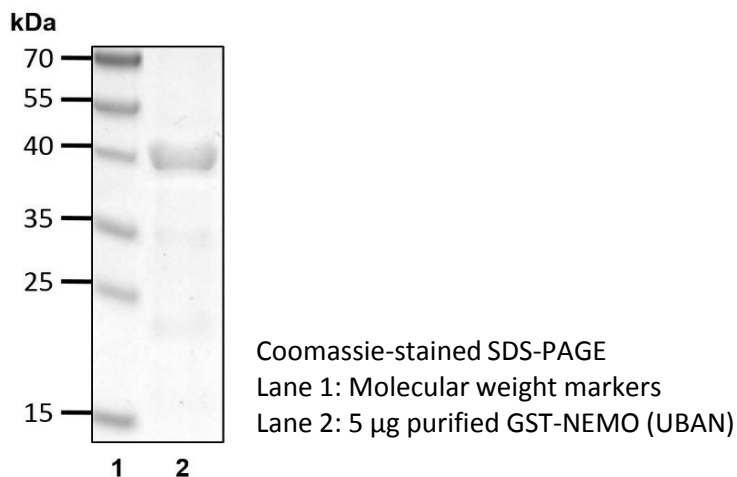


GST-NEMO (UBAN)

Cat. # I1530, I1531

Also Known as: IKBKKG; IP; IP1; IP2; FIP3; IPD2; NEMO; FIP-3; Fip3p; AMCBX1; ZC2HC9; IKK-gamma
NCBI Reference: NM_001099857
MW (no tag): 18.4 kDa
Species: Human
Source: Bacterial recombinant
Tag: GST
Stock Buffer: 20 mM Tris, 150 mM NaCl, 2 mM β ME, 10% Glycerol
Concentration: See tube label
Quality Assurance: ~90% by SDS-PAGE

Image



Description: GST was fused on the N-terminus of the linear polyubiquitin chain binding domain of NEMO encompassing amino acids 183-339. This fusion protein can be used for in vitro GST pulldown assays and for enrichment of cellular proteins conjugated with linear polyubiquitin chains in whole cell or tissue lysates. GST-NEMO (UBAN) can be precipitated using glutathione resin. After washing, GST-NEMO (UBAN) and its bound proteins can be eluted by a buffer containing 10 mM glutathione.

Storage: Store at -80°C ; avoid multiple freeze-thaw cycles

Note:

1. NEMO (UBAN) may also bind long polyubiquitin chains linked via lysine 63.
2. Dissolve 10 mM glutathione in a neutral buffer could drop pH to 3-4. Use 0.2 M NaOH to adjust pH back to neutral.

Literature:

1. van Wijk SJ, et al. (2013) Nat Protoc. 8(7):1449-58
2. van Wijk SJ, et al. (2012) Mol Cell. 14;47(5):797-809

