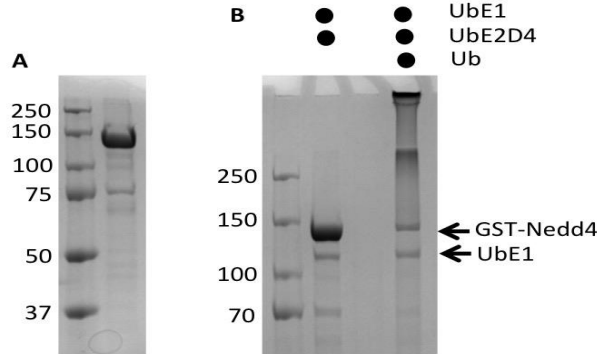


GST-NEDD4

Cat. # K1420

Also Known as: NEDD4-1; Neural precursor cell expressed developmentally down-regulated protein 4
NCBI Reference: NM_006154.3
MW (no tag): 104.2 kDa
Species: Human
Source: Bacterial recombinant
Tag: GST
Stock Buffer: 20 mM Tris, pH7.1 at 37 °C, 150 mM NaCl, 2 mM βME, 10% Glycerol
Concentration: See tube label
Quality Assurance: ~ 90% by SDS-PAGE

Image



A. Coomassie stained SDS-PAGE of 5 μg GST-Nedd4.

B. Autoubiquitination of GST-Nedd4 (2 μM) in the presence of UbE1 (100 nM), UbE2D4 (2 μM) and Ub (50 μM).

Description: NEDD4 (neural precursor cell expressed developmentally down-regulated protein 4) is a widely expressed HECT domain-containing E3 ubiquitin ligase. NEDD4 ubiquitinates a few membrane proteins, including IGF-1R and PTEN, by which it regulates signal transduction.

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

Note: N/A

Literature:

1. Cao XR, et al., Nedd4 controls animal growth by regulating IGF-1 signaling. *Sci Signal.* 1 (38): ra5.
2. Wang X, et al., NEDD4-1 is a proto-oncogenic ubiquitin ligase for PTEN. *Cell.* 128, 129.

