

Recombinant Mouse Ubxn2b Protein, Myc/DDK-tagged

Cat. No. Ubxn2b-6815M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length UBX domain protein 2B (Ubxn2b), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Adapter protein required for Golgi and endoplasmic reticulum biogenesis. Involved in Golgi and endoplasmic reticulum maintenance during interphase and in their reassembly at the end of mitosis. The complex formed with VCP has membrane fusion activity; membrane fusion activity requires USO1-GOLGA2 tethering and BET1L. VCIPI1 is also required, but not its deubiquitinating activity. Together with NSFL1C/p47, regulates the centrosomal levels of kinase AURKA/Aurora A during mitotic progression by promoting AURKA removal from centrosomes in prophase. Also, regulates spindle orientation during mitosis.
Molecular Mass	37.4 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade after receiving vials.

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Concentration >50 µg/mL as determined by microplate BCA method

Storage Buffer 25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

GENE INFORMATION

Gene Name [Ubxn2b](#) UBX domain protein 2B [[Mus musculus \(house mouse\)](#)]

Official Symbol [Ubxn2b](#)

Synonyms UBXN2B; UBX domain protein 2B; UBX domain-containing protein 2B; p97 cofactor p37; NSFL1 cofactor p37; p37; AI451665; 3110003A22Rik; 6430407D20Rik; RP23-340E12.2

Gene ID [68053](#)

mRNA Refseq [NM_026534](#)

Protein Refseq [NP_080810](#)

UniProt ID [Q0KL01](#)

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