

Product datasheet for **TP319137L**

UBXN2B (NM_001077619) Human Recombinant Protein

Product data:

Product Type: Recombinant Proteins

Description: Recombinant protein of human UBX domain protein 2B (UBXN2B), 1 mg

Species: Human

Expression Host: HEK293T

**Expression cDNA Clone
or AA Sequence:** >RC219137 protein sequence
Red=Cloning site **Green**=Tags(s)

MAEGGGPEPGEQERRSSGPRPPSARDLQLALAEIYEDEVKCKSSKSNRPKATVFKSPRTPPQRFYSSEHE
YSGLNIVRPSTGKIVNELFKEAREHGAVPLNEATRASGDDKSKSFTGGGYRLGSSFCKRSEYIYGENQLQ
DVQILLKLSNGFSLDDGELRPYNEPTNAQFLESVKRGEIPELQRLVHGGQVNLDMEDHQDQEYIKPRL
RFKAFSGEGQKLGSLTPEIVSTPSSPEEDKSILNAVVLIDDSVPTTKIQIRLADGSRLIQRFNSTHRIL
DVRNFIVQSRPEFAALDFILVTSFPNKELTDESLTLEADILNTVLLQQLK

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag: C-Myc/DDK

Predicted MW: 36.9 kDa

Concentration: >0.05 µg/µL as determined by microplate BCA method

Purity: > 80% as determined by SDS-PAGE and Coomassie blue staining

Buffer: 25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol

Preparation: Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.

Note: For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.

Storage: Store at -80°C.

Stability: Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.

RefSeq: [NP_001071087](#)

Locus ID: 137886

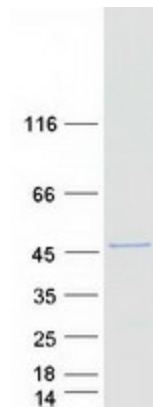


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UniProt ID: [Q14CS0](#)
RefSeq Size: 5088
Cytogenetics: 8q12.1
RefSeq ORF: 993
Synonyms: p37

Summary: Adapter protein required for Golgi and endoplasmic reticulum biogenesis (PubMed:17141156). Involved in Golgi and endoplasmic reticulum maintenance during interphase and in their reassembly at the end of mitosis (PubMed:17141156). The complex formed with VCP has membrane fusion activity; membrane fusion activity requires USO1-GOLGA2 tethering and BET1L (PubMed:17141156). VCPIP1 is also required, but not its deubiquitinating activity (PubMed:17141156). Together with NSFL1C/p47, regulates the centrosomal levels of kinase AURKA/Aurora A during mitotic progression by promoting AURKA removal from centrosomes in prophase (PubMed:23649807). Also, regulates spindle orientation during mitosis (PubMed:23649807).[UniProtKB/Swiss-Prot Function]

Product images:



Coomassie blue staining of purified UBXN2B protein (Cat# [TP319137]). The protein was produced from HEK293T cells transfected with UBXN2B cDNA clone (Cat# [RC219137]) using MegaTran 2.0 (Cat# [TT210002]).