

## Product datasheet for **TP319137M**

### UBXN2B (NM\_001077619) Human Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human UBX domain protein 2B (UBXN2B), 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC219137 protein sequence <b>Red</b> =Cloning site <b>Green</b> =Tags(s)
	<p>MAEGGGPEPGEQERRSSGPRPPSARDLQLALAEIYEDEVKCKSSKSNRPKATVFKSPRTPPQRFYSSEHE YSGLNIVRPSTGKIVNELFKEAREHGAVPLNEATRASGDDKSKSFTGGGYRLGSSFCKRSEYIYGENQLQ DVQILLKLSNGFSLDDGELRPYNEPTNAQFLESVKRGEIPELQRLVHGGQVNLDMEDHQDQEYIKPRL RFKAFSGEGQKLGSLTPEIVSTPSSPEEDKSILNAVVLIDDSVPTTKIQIRLADGSRLIQRFNSTHRIL DVRNFIVQSRPEFAALDFILVTSFPNKELTDESLTLLEADILNTVLLQQLK</p> <p><b>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</b></p>
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:	<u><a href="#">NP_001071087</a></u>
Locus ID:	137886

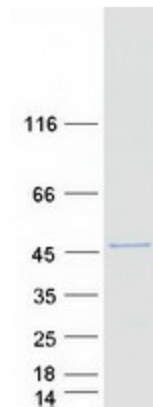


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UniProt ID: [Q14CS0](#)  
RefSeq Size: 5088  
Cytogenetics: 8q12.1  
RefSeq ORF: 993  
Synonyms: p37

**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]).