

Product datasheet for PH319137

UBXN2B (NM_001077619) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	UBXN2B MS Standard C13 and N15-labeled recombinant protein (NP_001071087)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC219137
Predicted MW:	37.1 kDa
Protein Sequence:	>RC219137 protein sequence Red=Cloning site Green=Tags(s) MAEGGGPEPGEQERRSSGPRPPSARDLQLALAELYEDEVKCKSSKSNRPKATVFKSPRTPPQRFYSSEHE YSGLNIVRPSTGKIVNELFKEAREHGAVPLNEATRASGDDKSKSFTGGGYRLGSSFCKRSEYIYGENQLQ DVQILLKLSNGFSLDDGELRPYNEPTNAQFLESVKRGEIPELELQRLVHGGQVNLDMEDHQDQEYIKPRL RFKAFSGEGQKLGSLTPEIVSTPSSPEEEDKSILNAVVLIDDSVPTTKIQIRLADGSRLIQRFNSTHRIL DVRNFIVQSRPEFAALDFILVTSFPNKELTDESLTLLEADILNTVLLQQLK TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- ¹³ C ₆ , ¹⁵ N ₄]-L-Arginine and [U- ¹³ C ₆ , ¹⁵ N ₂]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	<u>NP_001071087</u>
RefSeq Size:	5088
RefSeq ORF:	993
Synonyms:	p37
Locus ID:	137886



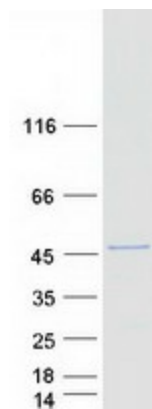
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UniProt ID: [Q14CS0](#)

Cytogenetics: 8q12.1

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]).