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Product datasheet for PH317394

UBXN6 (NM_025241) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	UBXN6 MS Standard C13 and N15-labeled recombinant protein (NP_079517)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC217394
Predicted MW:	49.6 kDa
Protein Sequence:	>RC217394 representing NM_025241 Red=Cloning site Green=Tags(s) MKKFFQEFKADIKFKSAGPGQKLKESVGEKAHKEKPNQPAPRPPPRQGPTNEAQMAAAAALARLEQKQSRA WGPTSQDTIRNQVRKELQAEATVSGSPEAPGTNVVSEPREEGSAHLAVPGVYFTCPLTGATLRKDQRDAC IKEAILLHFSTDPVAASIMKIYTFNKDQDRVKLGVDTIAKYLDNIHLHPEEEKYRKIKLQNKVFQERINC LEGTHEFFEAIGFQKVLLPAQDQEDPEEFYVLSETTLAQPQSLERHKEQLLAAEPVRAKLDRQRRVFQPS PLASQFELPGDFFNLTAEEIKREQRLRSEAVERLSVLRTKAMREKEEQRGLRKYNYTLLRVRLPDGCLLQ GTFYARERLGAVYGFVREALQSDWLPFELLASGGQKLSEDENLALNECGLVPSALLTFSWDMAVLEDIKA AGAEPDSILKPELLSAIEKLL 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- 13C6, 15N4]-L-Arginine and [U- 13C6, 15N2]-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:	NP_079517
RefSeq Size:	1656
RefSeq ORF:	1323
Synonyms:	UBXD1; UBXDC2

View online »

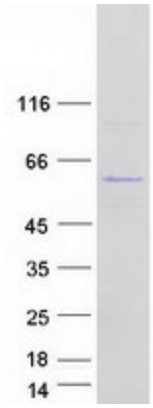
Locus ID: 80700

UniProt ID: Q9BZV1

Cytogenetics: 19p13.3

Summary: May negatively regulate the ATPase activity of VCP, an ATP-driven segregase that associates with different cofactors to control a wide variety of cellular processes (PubMed:26475856). As a cofactor of VCP, it may play a role in the transport of CAV1 to lysosomes for degradation (PubMed:21822278, PubMed:23335559). It may also play a role in endoplasmic reticulum-associated degradation (ERAD) of misfolded proteins (PubMed:19275885). Together with VCP and other cofactors, it may play a role in macroautophagy, regulating for instance the clearance of damaged lysosomes (PubMed:27753622).[UniProtKB/Swiss-Prot Function]

Product images:



Coomassie blue staining of purified UBXN6 protein (Cat# [TP317394]). The protein was produced from HEK293T cells transfected with UBXN6 cDNA clone (Cat# [RC217394]) using MegaTran 2.0 (Cat# [TT210002]).