

Product datasheet for **TP317394L**

UBXN6 (NM_025241) Human Recombinant Protein

Product data:

Product Type: Recombinant Proteins

Description: Recombinant protein of human UBX domain protein 6 (UBXN6), 1 mg

Species: Human

Expression Host: HEK293T

Expression cDNA Clone or AA Sequence: >RC217394 representing NM_025241
Red=Cloning site **Green**=Tags(s)

MKKFFQEFKADIKFKSAGPGQKLKESVGEKAHKEKPNQPAPRPPRQGPTNEAQMAAAAALARLEQKQSR
A
WGPTSQDTIRNQVRKELQAEATVSGSPEAPGTNVVSEPREEGSAHLAVPGVYFTCLPTGATLRKDQRDAC
IKEAILLHFSTDPVAASIMKIYTFNKDQDRVCLGVDIAKYLDNIHLHPREEKYRKIKLQNKVFQERINC
LEGTHEFFEAGFQKVLLPAQDQEDPEEFYVLSETTLAQPSLERHKEQLLAAEPVRAKLDRRRVFQPS
PLASQFELPGDFFNLTAEEIKREQRLRSEAVRLSVLRTKAMREKEEQRLRKYNITLLRVRLPDGCLLQ
GTFYARERLGAVYGFVREALQSDWLFPFELLASGGQKLSEDENLALNECGLVPSALLTFSWDMAVLEDIKA
AGAEPDSILKPELLSAIEKLL

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag: C-Myc/DDK

Predicted MW: 49.6 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.



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RefSeq: NP_079517

Locus ID: 80700

UniProt ID: Q9BZV1

RefSeq Size: 1656

Cytogenetics: 19p13.3

RefSeq ORF: 1323

Synonyms: UBXD1; UBXDC2

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]).