

Datasheet for ABIN7544991
UBXN6 Protein (AA 1-441) (His tag)



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Overview

Quantity:	1 mg
Target:	UBXN6
Protein Characteristics:	AA 1-441
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This UBXN6 protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

Product Details

Purpose:	Custom-made recombinat UBXN6 Protein expressed in mammalien cells.
Sequence:	<p>MKKFFQEFKA DIKFKSAGPG QKLKESVGEK AHKEKPNQPA PRPPRQGPTN EAQMAAAAAL ARLEQKQSRA WGPTSQDTIR NQVRKELQAE ATVSGSPEAP GTNVVSEPRE EGSAHLAVPG VYFTCPLTGA TLRKDQRDAC IKEAILLHFS TDPVAASIMK IYTFNKDQDR VKLGVDTIAK YLDNIHLHPE EEKYRKIKLQ NKVFQERINC LEGTHEFFEA IGFQKVLLPA QDQEDPEEFY VLSETTLAQP QSLERHKEQL LAAEPVRAKL DRQRRVFQPS PLASQFELPG DFFNLTAEEI KREQRLRSEA VERLSVLR TK AMREKEEQRG LRKYNNTLLR VRLPDGCLLQ GTFYARERLG AVYGFVREAL QSDWLPFELL ASGGQKLS ED ENLALNECGL VPSALLTFSW DMAVLEDIKA AGAEPDSILK PELLSAIEKL L Sequence without tag. The proposed Purification-Tag is based on experiences with the expression system, a different complexity of the protein could make another tag necessary. In case you have a special request, please contact us.</p>
Characteristics:	Key Benefits:

Product Details

- Made to order protein - from design to production - by highly experienced protein experts.
- Protein expressed in mammalian cells and purified in one-step affinity chromatography
- The optimized expression system ensures reliability for intracellular, secreted and transmembrane proteins.
- State-of-the-art algorithm used for plasmid design (Gene synthesis).

This protein is a made-to-order protein and will be made for the first time for your order. Our experts in the lab try to ensure that you receive soluble protein.

If you are not interested in a full length protein, please contact us for individual protein fragments.

The big advantage of ordering our made-to-order proteins in comparison to ordering custom made proteins from other companies is that there is no financial obligation in case the protein cannot be expressed or purified.

Purity: > 90 % as determined by Bis-Tris Page, Western Blot

Grade: custom-made

Target Details

Target: [UBXN6](#)

Alternative Name: [UBXN6 \(UBXN6 Products\)](#)

Background: UBX domain-containing protein 6 (UBX domain-containing protein 1),FUNCTION: 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). {ECO:0000269|PubMed:19275885, ECO:0000269|PubMed:21822278, ECO:0000269|PubMed:23335559, ECO:0000269|PubMed:26475856, ECO:0000269|PubMed:27753622}.

Molecular Weight: 49.8 kDa

UniProt: [Q9BZV1](#)

Application Details

Application Notes: In addition to the applications listed above we expect the protein to work for functional studies as well. As the protein has not been tested for functional studies yet we cannot offer a guarantee though.

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: The buffer composition is at the discretion of the manufacturer.

Handling Advice: Avoid repeated freeze-thaw cycles.

Storage: -80 °C

Storage Comment: Store at -80°C.

Expiry Date: 12 months
