

Datasheet for ABIN7565056
UBE4B Protein (AA 1-1173) (His tag)



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Overview

Quantity:	1 mg
Target:	UBE4B
Protein Characteristics:	AA 1-1173
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This UBE4B protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant Ube4b Protein expressed in mammalian cells.
Sequence:	MEELSADEIR RRRLARLAGG QTSQPTTPLT SPQRENPPGP PIAASAPGPS QSLGLNVHNM TPATSPIGAA GVAHRSQSSE GVSSLSSSPS NSLETQSQSL SRSQSMDIDG VSCEKSMSQV DVDSGIENME VDENDRREKR SLSDKEPSSG PEVSEEQALQ LVCKIFRVSW KDRDRDVIFL SSLSAQFKQN PKEVFSDFKD LIGQILMEVL MMSTQTRDEN PFASLTATSQ PIATAARSPD RNLMLNTGSS SGTSPMFCNM GSFSTSSLSS LGASGGASNW DSYS DHFTIE TCKETDMLNY LIECFDRVGI EEKAPKMCS QPAVSQLLSN IRSQCISHTA LVLQGLTQP RSLQQPSFLV PYMLCRNLPY GFIQELVRTT HQDEEVFKQI FIPILQGLAL AAKECSLESD YFKYPLMALG ELCETKFGKT HPMCNLVASL PLWLPKSLSP GSGRELQRLS YLGAFFSFSV FAEDDAKVVE KYFSGPAITL ENTRVVSQSL QHYLELGRQE LFKILHSILL NGETREAALS YMAALVNANM KKAQMADDR LVSTDGFMLN LLWVLQQLST KIKLETVDPT YIFHPRCRIT LPNDETRINA TMEDVNERLT ELYGDQPPFS EPKFPTECFE LTLHAHHLI LPSCRRYIRR LRAIRELNRT VEDLKNNESQ WKDSPLATRH REMLKRCKTQ LKKLVRCKAC ADAGLLDESF LRRCLNFYGL

Product Details

LIQLMLRILD PAYPDVTLPL NSEVPKVFAA LPEFYVEDVA EFLFFIVQYS PQVLYEPCQ
DIVMFLVVML CNQNYIRNPY LVAKLVEVMF MTNPSVQPRT QKFFEMIENH PLSTKLLVPS
LMKFYTDVEH TGATSEFYDK FTIRYHISTI FKSLWQNAH HGTFMEEFNS GKQFVRYINM
LINDTTFLLD ESLESLKRIH EVQEEMKNKE QWDQLPRDQQ QARQSQAQD ERVSRSYLAL
ATETVDMFHL LTKQVQKPFL RPELGPRLAA MLNFNLQQLC GPKCRDLKVE NPEKYGFEPK
KLLDQLTDIY LQLDCARFAK AIADDQRSYS KELFEEVISK MRKAGIKSTI AIEKFKLLAE
KVVEIVAKNA RAEIDYSAP DEFRDPLMDT LMTDPVRLPS GTVMDRSIL RHELLNSPTDP
FNRQMLTESM LEPVPELKEQ IQAWMREKQS SDH **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.**

Specificity: If you are looking for a specific domain and are interested in a partial protein or a different isoform, please contact us regarding an individual offer.

Characteristics: Key Benefits:

- 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, anti-tag ELISA, Western Blot and analytical SEC (HPLC)

Grade: custom-made

Target Details

Target: UBE4B

Alternative Name: Ube4b ([UBE4B Products](#))

Target Details

Background: Ubiquitin conjugation factor E4 B (EC 2.3.2.27) (RING-type E3 ubiquitin transferase E4 B) (Ubiquitin fusion degradation protein 2),FUNCTION: Ubiquitin-protein ligase that probably functions as an E3 ligase in conjunction with specific E1 and E2 ligases (PubMed:11435423). May also function as an E4 ligase mediating the assembly of polyubiquitin chains on substrates ubiquitinated by another E3 ubiquitin ligase (By similarity). May regulate myosin assembly in striated muscles together with STUB1 and VCP/p97 by targeting myosin chaperone UNC45B for proteasomal degradation (By similarity). {ECO:0000250|UniProtKB:O95155, ECO:0000250|UniProtKB:P54860, ECO:0000269|PubMed:11435423}.

Molecular Weight: 133.3 kDa

UniProt: [Q9ES00](#)

Application Details

Application Notes: We expect the protein to work for functional studies. 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