Datasheet for ABIN7544953

UFD1L Protein (AA 1-307) (His tag)

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Overview

Quantity:	1 mg
Target:	UFD1L
Protein Characteristics:	AA 1-307
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This UFD1L protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

Product Details

Purpose:	Custom-made recombinat UFD1 Protein expressed in mammalien cells.
Sequence:	MFSFNMFDHP IPRVFQNRFS TQYRCFSVSM LAGPNDRSDV EKGGKIIMPP SALDQLSRLN ITYPMLFKLT NKNSDRMTHC GVLEFVADEG ICYLPHWMMQ NLLLEEGGLV QVESVNLQVA TYSKFQPQSP DFLDITNPKA VLENALRNFA CLTTGDVIAI NYNEKIYELR VMETKPDKAV SIIECDMNVD FDAPLGYKEP ERQVQHEEST EGEADHSGYA GELGFRAFSG SGNRLDGKKK GVEPSPSPIK PGDIKRGIPN YEFKLGKITF IRNSRPLVKK VEEDEAGGRF VAFSGEGQSL RKKGRKP **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.**
Characteristics:	Key Benefits: • Made to order protein - from design to production - by highly experienced protein experts.

Product Details

- Protein expressed in mammalien 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:	UFD1L
Alternative Name:	UFD1 (UFD1L Products)
Background:	Ubiquitin recognition factor in ER-associated degradation protein 1 (Ubiquitin fusion degradation protein 1) (UB fusion protein 1),FUNCTION: Essential component of the ubiquitin-dependent proteolytic pathway which degrades ubiquitin fusion proteins. The ternary complex containing UFD1, VCP and NPLOC4 binds ubiquitinated proteins and is necessary for the export of misfolded proteins from the ER to the cytoplasm, where they are degraded by the proteasome. The NPLOC4-UFD1-VCP complex regulates spindle disassembly at the end of mitosis and is necessary for the formation of a closed nuclear envelope. It may be involved in the development of some ectoderm-derived structures (By similarity). Acts as a negative regulator of type I interferon production via the complex formed with VCP and NPLOC4, which binds to RIGI and recruits RNF125 to promote ubiquitination and degradation of RIGI (PubMed:26471729). {ECO:0000250|UniProtKB:Q9ES53, ECO:0000269|PubMed:26471729}.
Molecular Weight:	34.5 kDa
UniProt:	Q92890

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