

Product datasheet

Recombinant Human UFD1L protein ab167871

1 Image

Description

Product name	Recombinant Human UFD1L protein
Purity	> 85 % SDS-PAGE. Purified by using conventional chromatography techniques.
Expression system	Escherichia coli
Accession	<u>Q92890</u>
Protein length	Full length protein
Animal free	No
Nature	Recombinant
Species	Human
Sequence	<p>MGSSHHHHHH SSGLVPRGSH MGSMFNFNMF DHPIPRVFQN RFSTQYRCFS VSMLAGPNDR SDVEKGGKII MPPSALDQLS RLNITYPMLF KLTNKNSDRM THCGVLEFVA DEGICYLPHW MMQNLLLEEG GLVQVESVNL QVATYSKFQP QSPDFLDITN PKAVLENALR NFACLTGTDV IAINYNEKIY ELRVMETKPD KAVSIIICDM NVDFDAPLGY KEPERQVQHE ESTEGEADHS GYAGELGFRA FSGSGNRLDG KKKGVPEPSPIKPGDIKRG IPNYEFKLGK ITFIRNSRPL VKKVEEDEAG GRFVAFSGEG QSLRKKGRKP</p>
Predicted molecular weight	37 kDa including tags
Amino acids	1 to 307
Tags	His tag N-Terminus

Specifications

Our **Abpromise guarantee** covers the use of **ab167871** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Applications	Mass Spectrometry SDS-PAGE
Mass spectrometry	MALDI-TOF
Form	Liquid

Preparation and Storage

Stability and Storage

Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle.

pH: 8.00

Constituents: 0.32% Tris-HCl buffer, 0.02% DTT, 30% Glycerol (glycerin, glycerine), 0.58% Sodium chloride

General Info

Function

Essential component of the ubiquitin-dependent proteolytic pathway which degrades ubiquitin fusion proteins. The ternary complex containing UFD1L, 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-UFD1L-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.

Tissue specificity

Found in adult heart, skeletal muscle and pancreas, and in fetal liver and kidney.

Pathway

Protein degradation; proteasomal ubiquitin-dependent pathway.

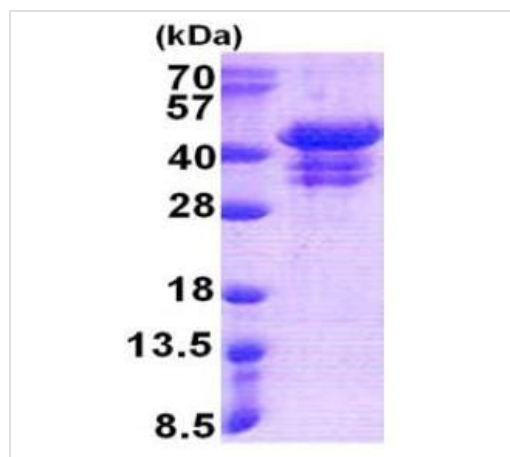
Sequence similarities

Belongs to the UFD1 family.

Cellular localization

Nucleus. Cytoplasm > cytosol.

Images



SDS-PAGE - Recombinant Human UFD1L protein
(ab167871)

15% SDS-PAGE analysis of ab167871 (3µg). Note: Molecular size on SDS-PAGE will appear higher.

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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