

Product datasheet

Recombinant Human UFL1 protein ab161615

1 Image

Overview

Product name	Recombinant Human UFL1 protein
Protein length	Full length protein

Description

Nature	Recombinant
Source	Wheat germ
Amino Acid Sequence	
Species	Human

Sequence	<p>MADAWEEIRRLAADFQRAQFAEATQRLSERNCIEVNK LIAQKQLEVVHT LDGKEYITPAQISKEMRDELHVRGGRVNMVLDLQQVINVD LIHIENRIGDI IKSEKHVQLVLGQLIDENYLDRLAEEVNDKLQESGQVTI SELCKTYDLPG NFLTQALTQRLGRIISGHIDLNRGVIFTEAFVARHKARI RGLFSAITRP TAVNSLISKYGFQEQLLYSVLEELVNSGRLRGTVVGGR QDKAVFVPDIYS RTQSTWVDSFFRQNGYLEFDALSRLGIPDAVSYIKKRY KTTQLLFLKAAC VGQGLVDQVEASVEEAISSGTWVDIAPLLPTSLSVED AAILLQQVMRAFS KQASTVVFSDTVVVSEKFINDCTELFRELMHQKAEKE MKNNPVHLITEED LKQISTLESVSTSKKDKKDERRRKATEGSGSMRGGGG GNAREYKIKKVKK KGRKDDSDDESQSSHTGKKKPEISFMFQDEIEDFLR KHIQDAPEEFISE LAEYLIKQV</p>
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Amino acids	1 to 509
Tags	GST tag N-Terminus

Specifications

Our [Abpromise guarantee](#) covers the use of **ab161615** in the following tested applications.

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

Applications	Western blot ELISA
Form	Liquid
Additional notes	Protein concentration is above or equal to 0.05 mg/ml. This product was previously labelled as K0776

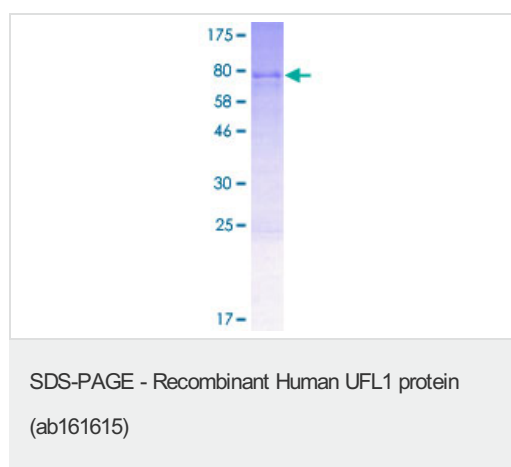
Preparation and Storage

Stability and Storage	Shipped on dry ice. Upon delivery aliquot and store at -80°C. Avoid freeze / thaw cycles. pH: 8.00 Constituents: 0.31% Glutathione, 0.79% Tris HCl
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General Info

Function	E3 UFM1-protein ligase that mediates ufmylation of target proteins such as DDRGK1/C20orf116. The function of ufmylation is unknown. May act as a tumor suppressor by inhibiting cell invasion, blocking NF-kappa-B signaling and increasing stability of CDK5RAP3.
Tissue specificity	Ubiquitously expressed, with a high expression in liver (at protein level). Low expression in several invasive hepatocellular carcinomas, such HepG2, Hep3B, HLE and PLC.
Sequence similarities	Belongs to the UFL1 family.
Post-translational modifications	Ubiquitinated, leading to its degradation by the proteasome. Interaction with CDK5RAP3 protects each other against ubiquitination and degradation via the proteasome.
Cellular localization	Endoplasmic reticulum. Cytoplasm. In cytoplasm colocalizes with CDK5RAP3.

Images



ab161615 on a 12.5% SDS-PAGE stained with Coomassie Blue.

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

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