

Product datasheet

Recombinant Human Ube2L3/UBCH7 protein ab48775

1 Image

Overview

<b>Product name</b>	Recombinant Human Ube2L3/UBCH7 protein
<b>Protein length</b>	Full length protein

Description

<b>Nature</b>	Recombinant
<b>Source</b>	Escherichia coli
<b>Amino Acid Sequence</b>	
<b>Species</b>	Human
<b>Sequence</b>	MAASRRLMKE LEEIRKCGMK NFRNIQVDEA NLLTWQGLIV PDNPPYDKGA FRIEINFPAE YPFKPPKITF KTKMYHPNID EKGQVCLPVI SAENWKPATK TDQVIQSLIA LVNDPQPEHP LRADLAE EYS KDRKKFCKNA EEFTKKYGEK RPVD
<b>Amino acids</b>	1 to 154

Specifications

Our [Abpromise guarantee](#) covers the use of **ab48775** in the following tested applications.

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

<b>Applications</b>	SDS-PAGE
<b>Purity</b>	> 95 % SDS-PAGE. Ube2L3/UBCH7 was overexpressed in E.coli and purified by using conventional chromatography techniques.
<b>Form</b>	Liquid
<b>Additional notes</b>	This product was previously labelled as Ube2L3

Preparation and Storage

<b>Stability and Storage</b>	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
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pH: 7.50

Constituents: 0.0154% DTT, 1.19% HEPES, 10% Glycerol, 0.87% Sodium chloride

## General Info

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<b>Function</b>	Accepts ubiquitin from the E1 complex and catalyzes its covalent attachment to other proteins. In vitro catalyzes 'Lys-11'-linked polyubiquitination. Involved in the selective degradation of short-lived and abnormal proteins. Down-regulated during the S-phase it is involved in progression through the cell cycle. Regulates nuclear hormone receptors transcriptional activity. May play a role in myelopoiesis.
<b>Tissue specificity</b>	Ubiquitous, with highest expression in testis.
<b>Pathway</b>	Protein modification; protein ubiquitination.
<b>Sequence similarities</b>	Belongs to the ubiquitin-conjugating enzyme family.
<b>Post-translational modifications</b>	Ubiquitinated. The alteration of UBE2L3 protein levels during the S-phase of the cell cycle is due to ubiquitin-dependent proteasomal degradation.
<b>Cellular localization</b>	Nucleus. Cytoplasm.

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## Images

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14% SDS-PAGE gel loaded with ab48775 recombinant human Ube2L3/UBCH7 protein predicted molecular weight 17.9KDa

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

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