

Recombinant Human YOD1 protein ab140732

1 Image

Description	
Product name	Recombinant Human YOD1 protein
Purity	> 90 % SDS-PAGE. ab140732 was purified using conventional chromatography techniques.
Expression system	Escherichia coli
Accession	<u>Q5VVQ6</u>
Protein length	Full length protein
Animal free	No
Nature	Recombinant
Species	Human
Sequence	MGSSHHHHHHSSGLVPRGSHMGSMFGPAKGRHFGVHP APGFPGGVSQQAA GTKAGPAGAWPVGSRDTMWRLRCKAKDGTHVLQGLSS RTRVRELQGQIA AITGIAPGGQRILVGYPPECLDLSNGDTILEDLPQSGDMLIE EDQTRP RSSPAFTKRGASSYVRETLPVLTRTVVPADNSCLFTSVYY VVEGGVLNPA CAPEMRRLIAQIVASDPDFYSEAILGKTNQEYCDWIKRDDT WGGAIEISI LSKFYQCEICVVDTQTVRIDRFGEDAGYTKRVLLYDGIHYD PLQRNFPD PDTPLTIFSSNDDMLVQALELADEARRRRQFTDVNRFTL RCMVCQKGL TGQAEAREHAKETGHTNFGEV
Predicted molecular weight	41 kDa including tags
Amino acids	1 to 348
Tags	His tag N-Terminus

Specifications

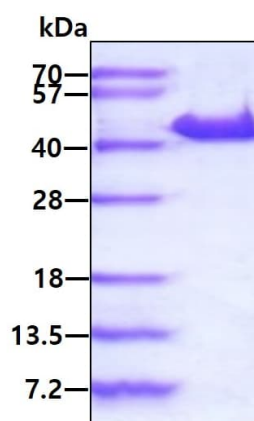
Our **Abpromise guarantee** covers the use of **ab140732** in the following tested applications.

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

Applications	SDS-PAGE
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	Mass Spectrometry
Mass spectrometry	MALDI-TOF
Form	Liquid
Preparation and Storage	
Stability and Storage	<p>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.</p> <p>pH: 8.00</p> <p>Constituents: 0.02% DTT, 0.32% Tris HCl, 30% Glycerol (glycerin, glycerine), 0.88% Sodium chloride</p>
General Info	
Function	<p>Hydrolase that can remove conjugated ubiquitin from proteins and participates in endoplasmic reticulum-associated degradation (ERAD) for misfolded luminal proteins. May act by trimming the ubiquitin chain on the associated substrate to facilitate their threading through the VCP/p97 pore. Ubiquitin moieties on substrates may present a steric impediment to the threading process when the substrate is transferred to the VCP pore and threaded through VCP's axial channel. Mediates deubiquitination of both 'Lys-48'- and 'Lys-63'-linked polyubiquitin chains. Able to cleave both polyubiquitin and di-ubiquitin.</p>
Sequence similarities	<p>Contains 1 C2H2-type zinc finger.</p> <p>Contains 1 OTU domain.</p>
Domain	<p>The UBAX-like region mediates the interaction with VCP. According to PubMed:19818707, it corresponds to a UBX domain, which is a hallmark for VCP-associated proteins. However, no canonical UBX is detected by prediction tools such as Pfam or PROSITE.</p>

Images



SDS-PAGE analysis of ab140732

SDS-PAGE - Recombinant Human YOD1 protein
(ab140732)

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

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