

Product datasheet

Recombinant Human USP46 protein ab177681

1 Image

Description

Product name	Recombinant Human USP46 protein
Purity	> 90 % SDS-PAGE. ab177681 is purified using conventional chromatography techniques.
Expression system	Escherichia coli
Accession	P62068
Protein length	Full length protein
Animal free	No
Nature	Recombinant
Species	Human
Sequence	<pre> MGSSHHHHHH SSGLVPRGSH MGSMTVRNIA SICNMGTNAS ALEKDIGPEQ FPINEHYFGL VNFGNTCYCN SVLQALYFCR PFRENVLAYK AQQKKKENLL TCLADLFHSI ATQKKKVGVI PPKKFISRLR KENDLFDNYM QQDAHEFLNY LLNTIADILQ EEKKQEKQNG KLKNGNMNEP AENNKPELTW VHEIFQGTLT NETRCLNCET VSKDEDFLD LSVDVEQNTS ITHCLRDFSN TETLCSEQKY YCETCCSKQE AQKRMRVKKL PMILALHLKR FKYMEQLHRY TKLSYRVVFP LELRLFNTSS DAVNLDRMYD LVAVVVHCGS GPNRGHYTI VKSHGFWLLF DDDIVEKIDA QAIEEFYGLT SDISKNSESG YILFYQSRE </pre>
Predicted molecular weight	45 kDa including tags
Amino acids	1 to 366
Tags	His tag N-Terminus
Additional sequence information	NP_073743

Specifications

Our [Abpromise guarantee](#) covers the use of **ab177681** 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 Mass Spectrometry
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Mass spectrometry	MALDI-TOF
Form	Liquid

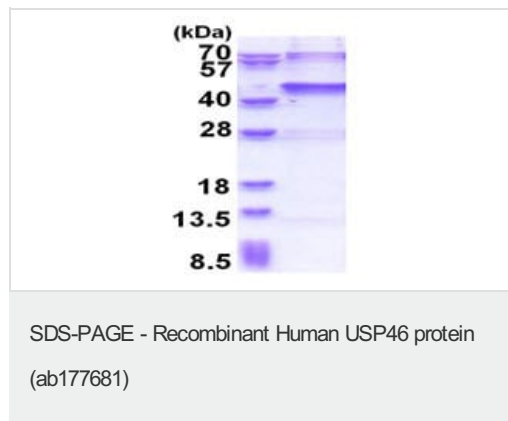
Preparation and Storage

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, 0.88% Sodium chloride, 10% Glycerol (glycerin, glycerine), 0.02% DTT
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General Info

Function	Deubiquitinating enzyme that plays a role in behavior, possibly by regulating GABA action. May act by mediating the deubiquitination of GAD1/GAD67. Has almost no deubiquitinating activity by itself and requires the interaction with WDR48 to have a high activity. Not involved in deubiquitination of monoubiquitinated FANCD2.
Tissue specificity	Broadly expressed.
Sequence similarities	Belongs to the peptidase C19 family. USP12/USP46 subfamily.

Images



15% SDS-PAGE analysis of 3µg ab177681.

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

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