

## Product datasheet

# Recombinant Human USP15 protein ab167838

1 Image

### Description

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<b>Product name</b>	Recombinant Human USP15 protein
<b>Purity</b>	> 90 % SDS-PAGE. ab167838 was purified using conventional chromatography techniques.
<b>Expression system</b>	Escherichia coli
<b>Accession</b>	<u><a href="#">Q9Y4E8-4</a></u>
<b>Protein length</b>	Full length protein
<b>Animal free</b>	No
<b>Nature</b>	Recombinant
<b>Species</b>	Human
<b>Sequence</b>	MGSSHHHHHHSSGLVPRGSHMGMAEGGAADLDTQRS DIATLLKTSLRKG DTWYLVDSRWFKQWKKYVGFDSWDKYQMGDQNVYPGPI DNSGLLKDGDAQ SLKEHLIDELDYILLPTEGWNKLVSWYTLMEGQEPIARKVV EQGMFVKHC KVEVYLTELKLCENGMNINVTRRFKADTIDTIEKEIRKIF SIPDEKET RLWNYMSNTFEPLNKPSTIQDAGLYQGQVLVIEQKNED GTWPRGPSTP KKPLeQSC
<b>Predicted molecular weight</b>	30 kDa including tags
<b>Amino acids</b>	1 to 235
<b>Tags</b>	His tag N-Terminus

### Specifications

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Our **Abpromise guarantee** covers the use of **ab167838** 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 Mass Spectrometry
<b>Mass spectrometry</b>	MALDI-TOF
<b>Form</b>	Liquid

## Preparation and Storage

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### 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: 0.02% DTT, 0.32% Tris HCl, 10% Glycerol (glycerin, glycerine), 0.88% Sodium chloride

## General Info

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### Function

Protease that degrades 'Lys-48'-linked polyubiquitin chains. Protects target proteins against proteasomal degradation. Protects APC and human papillomavirus type 16 protein E6 against degradation via the ubiquitin proteasome pathway.

### Tissue specificity

Expressed in skeletal muscle, kidney, heart, placenta, liver, thymus, lung, and ovary, with little or no expression in other tissues.

### Sequence similarities

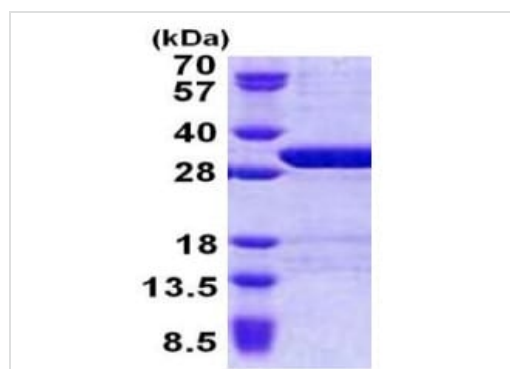
Belongs to the peptidase C19 family.  
Contains 1 DUSP domain.

### Post-translational modifications

Phosphorylated. Phosphorylation protects against ubiquitination and subsequent degradation by the proteasome.  
Ubiquitinated, leading to degradation by the proteasome.

## Images

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15% SDS-PAGE analysis of ab167838 (3 µg).

SDS-PAGE - Recombinant Human USP15 protein  
(ab167838)

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

## Our Promise to you: Quality guaranteed and expert technical support

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- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours

- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit <https://www.abcam.com/abpromise> or contact our technical team.

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