

## Product datasheet

# Recombinant Human FBXO2 protein ab161936

1 Image

### Overview

<b>Product name</b>	Recombinant Human FBXO2 protein
<b>Protein length</b>	Full length protein

### Description

<b>Nature</b>	Recombinant
<b>Source</b>	Wheat germ
<b>Amino Acid Sequence</b>	
<b>Species</b>	Human
<b>Sequence</b>	<p>MDGDGDPESVGQPPEEASPEEQPEEASAEERPEDQ            QEEEEAAAAAYLDEL            PEPLLLRVLAALPAAELVQACRLVCLRWKELVDGAPL            WLLKCQQEGLVPE            GGVEEERDHWQQFYFLSKRRRNLLRNPCGEEDLEG            WCDVEHGGDGWRVEE            LPGDSGVEFTHDESVKKYFASSFEWCRKAQVIDLQAE            GYWEELDDTTQPA            IVKDWYSGRSDAGCLYELTVKLLSEHENVLAEFSSG            QVAVPQSDSDGGGW            MEISHTFTDYGPGVRFVRFVFEHGGQDSVYWKWFGAR            VTNSSVWVEP</p>
<b>Amino acids</b>	1 to 296
<b>Tags</b>	GST tag N-Terminus

### Specifications

Our [Abpromise guarantee](#) covers the use of **ab161936** 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>	<p>ELISA</p> <p>Western blot</p>
<b>Form</b>	Liquid
<b>Additional notes</b>	Protein concentration is above or equal to 0.05 mg/ml.

## Preparation and Storage

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### 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

## General Info

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### Function

Substrate recognition component of a SCF (SKP1-CUL1-F-box protein) E3 ubiquitin-protein ligase complex that mediates the ubiquitination and subsequent proteasomal degradation of target proteins. Involved in the endoplasmic reticulum-associated degradation pathway (ERAD) for misfolded luminal proteins by recognizing and binding sugar chains on unfolded glycoproteins that are retrotranslocated into the cytosol and promoting their ubiquitination and subsequent degradation. Prevents formation of cytosolic aggregates of unfolded glycoproteins that have been retrotranslocated into the cytosol. Able to recognize and bind denatured glycoproteins, preferentially those of the high-mannose type.

### Pathway

Protein modification; protein ubiquitination.

### Sequence similarities

Contains 1 F-box domain.

Contains 1 FBA (F-box associated) domain.

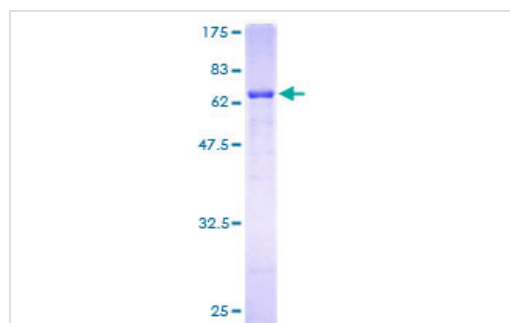
### Cellular localization

Cytoplasm. Microsome membrane.

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## Images

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ab161936 on a 12.5% SDS-PAGE stained with Coomassie Blue.

SDS-PAGE - Recombinant Human FBXO2 protein  
(ab161936)

**Please note:** All products are "FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE"

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