

Product datasheet

Recombinant Human EIF3F protein (denatured)  
 ab171467

1 Image

Description

<b>Product name</b>	Recombinant Human EIF3F protein (denatured)
<b>Purity</b>	> 90 % SDS-PAGE.
<b>Expression system</b>	Escherichia coli
<b>Accession</b>	<a href="#">O00303</a>
<b>Protein length</b>	Full length protein
<b>Animal free</b>	No
<b>Nature</b>	Recombinant
<b>Species</b>	Human
<b>Sequence</b>	<pre> MGSSHHHHHH SSGLVPRGSH MGSMATPAVP VSAPPATPTP VPAAAPASVP APTPAPAAAP VPAAAPASSS DPAAAAAATA APGQTPASAQ APAQTPAPAL PGPALPGFP GGRVVRLHPV ILASVDSYE RRNEGAARVI GTLLGTVDKH SVEVTNCFVS PHNESEDEVA VDMEFAKNMY ELHKKVSPNE LILGWYATGH DITEHSVLIH EYYSREAPNP IHLTVDTSLQ NGRMSIKAYV STLMGVPGRT MGVMFTPLTV KYAYDTERI GVDLIMKTCF SPNRVIGLSS DLQQVGGASA RIQDALSTVL QYAEDVLSGK VSADNTVGRF LMSLVNQVPK MPDDFETML NSNINDLLMV TYLANLTQSQ IALNEKLVNL           </pre>
<b>Predicted molecular weight</b>	40 kDa including tags
<b>Amino acids</b>	1 to 357
<b>Tags</b>	His tag N-Terminus

Specifications

Our [Abpromise guarantee](#) covers the use of **ab171467** 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
---------------------	----------

**Form** Liquid

## Preparation and Storage

### Stability and Storage

Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.

pH: 8.00

Constituents: 2.4% Urea, 0.32% Tris, 10% Glycerol (glycerin, glycerine)

## General Info

### Function

Component of the eukaryotic translation initiation factor 3 (eIF-3) complex, which is required for several steps in the initiation of protein synthesis. The eIF-3 complex associates with the 40S ribosome and facilitates the recruitment of eIF-1, eIF-1A, eIF-2:GTP:methionyl-tRNA<sub>i</sub> and eIF-5 to form the 43S preinitiation complex (43S PIC). The eIF-3 complex stimulates mRNA recruitment to the 43S PIC and scanning of the mRNA for AUG recognition. The eIF-3 complex is also required for disassembly and recycling of post-termination ribosomal complexes and subsequently prevents premature joining of the 40S and 60S ribosomal subunits prior to initiation. Deubiquitinates activated NOTCH1, promoting its nuclear import, thereby acting as a positive regulator of Notch signaling.

### Sequence similarities

Belongs to the eIF-3 subunit F family.

Contains 1 MPN (JAB/Mov34) domain.

### Domain

The MPN domain mediates deubiquitinating activity.

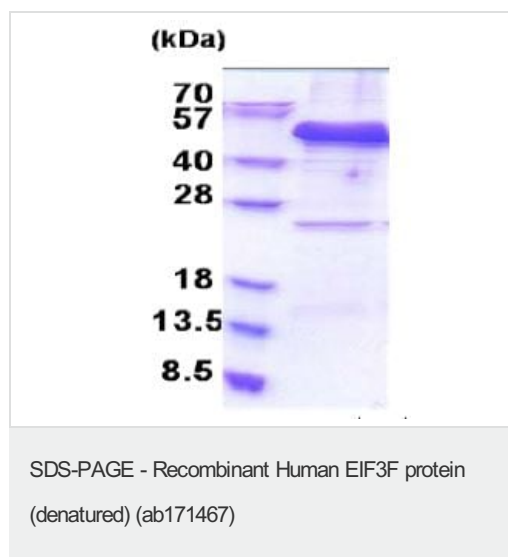
### Post-translational modifications

Phosphorylation is enhanced upon serum stimulation. Phosphorylated during apoptosis by caspase-processed CDK11.

### Cellular localization

Cytoplasm.

## Images



15% SDS-PAGE analysis of ab171467 (3µg).

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

## **Our Abpromise to you: Quality guaranteed and expert technical support**

---

- 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.

## **Terms and conditions**

---

- Guarantee only valid for products bought direct from Abcam or one of our authorized distributors