

Product datasheet

Recombinant Human EIF3F protein (denatured) ab171467

[1 Image](#)

Description

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

Applications	SDS-PAGE
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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_i 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.

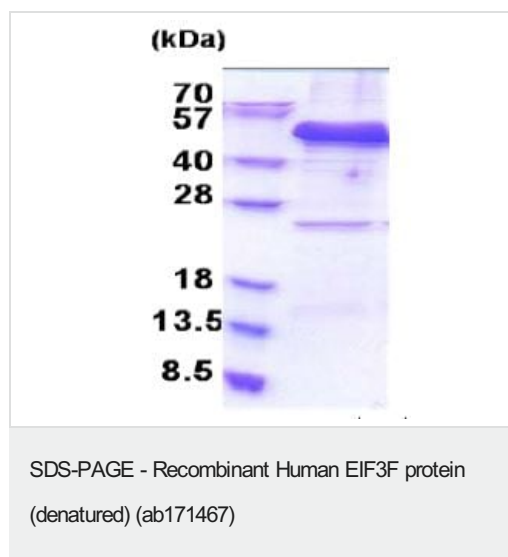
Post-translational modifications

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"

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