

Datasheet for ABIN5712275
EIF3F Protein (AA 1-323, partial) (GST tag)



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1 Image

Overview

Quantity:	100 µg
Target:	EIF3F
Protein Characteristics:	AA 1-323, partial
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This EIF3F protein is labelled with GST tag.
Application:	SDS-PAGE (SDS)

Product Details

Sequence: MKPILLQGHE RSITQIKYNR EGDLLFTVAK DPIVNVWYSV NGERLGTYMG HTGAVWCVDA
DWDTKHVLTG SADNSCRLWD CETGKQLALL KTNSAVRTCG FDFGGNIIMF STDKQMGYQC
FVSFFDLRDP SQIDNNEPYM KIPCNSKIT SAVWGPLGEC IAGHESGEL NQYSAKSGEV
LVNVKEHSRQ INDIQLSRDM TMFVTASKDN TAKLFDSTTL EHQTFRTER PVNSAALSPN
YDHVVLGGGQ EAMDVTTTST RIGKFEARFF HLAFAEEEFGR VKGHFGPINS VAFHPDGKSY
SSGGEDGYVR IHYFDPQYFE FEF

Purification:	SDS-PAGE
Purity:	> 90 %

Target Details

Target:	EIF3F
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Target Details

Alternative Name: [EIF3F \(EIF3F Products\)](#)

Background: 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.

Molecular Weight: 63.7 kDa

UniProt: [O00303](#)

Pathways: [Ribonucleoprotein Complex Subunit Organization](#)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 0.1-2 mg/mL

Buffer: 20 mM Tris-HCl based buffer, pH 8.0

Storage: -80 °C, 4 °C, -20 °C

Storage Comment: Store at -20°C, for extended storage, conserve at -20°C or -80°C. Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.



SDS-PAGE

Image 1.