

Datasheet for ABIN7596360

**EIF3A Protein (AA 1-325) (His tag)**[Go to Product page](#)

## Overview

Quantity:	250 µg
Target:	EIF3A
Protein Characteristics:	AA 1-325
Origin:	Human
Source:	Baculovirus infected Insect Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This EIF3A protein is labelled with His tag.
Application:	SDS-PAGE (SDS)

## Product Details

Sequence:	MKPILLQGHE RSITQIKYNR EGDLLFTVAK DPIVNVWYSV NGERLGTYMG HTGAVWCVDA DWDTKHVLTG SADNSCRLWD CETGKQLALL KTNSAVRTCG FDFGGNIIMF STDKQMGYQC FVSFFDLRDP SQIDNNEPYM KIPCNDKIT SAVWGPLGEC IIAGHESGEL NQYSAKSGEV LVNVKEHSRQ INDIQLSRDM TMFVTASKDN TAKLFDSTTL EHQKTFRTER PVNSAALSPN YDHVVLGGGQ EAMDVTTTST RIGKFEARFF HLAEEEEFGR VKGHFGPINS VAFHPDGKSY SSGGEDGYVR IHYFDPQYFE FEFEA
Purity:	> 90% by SDS-PAGE
Endotoxin Level:	< 1 EU per 1µg of protein (determined by LAL method)

## Target Details

Target:	EIF3A
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## Target Details

Alternative Name:	eIF-3 beta/EIF3I ( <a href="#">EIF3A Products</a> )
Background:	<p>EIF3I, also known as eukaryotic translation initiation factor 3 subunit I, is a multiprotein complex that functions during the initiation phase of eukaryotic translation. This protein is one out of 13 subunits of the mammalian EIF3 complex which associated with the 40S ribosome and facilitates the formation of 43S pre-initiation complex. This complex stimulates nearly all steps of translation initiation. These factors also appear to participate in other phases of translation, such as recycling, where it promotes the splitting of post-termination ribosomes. Also, it is shown to act as a signaling transducer by bind to and activating AKT1 through preventing PP2A-induced AKT1 dephosphorylation in tumor cells. Recombinant Human EIF3I, fused to His-tag at C-terminus, was expressed in insect cell and purified by using conventional chromatography techniques.</p>
Molecular Weight:	37.3 kDa (331aa)
NCBI Accession:	<a href="#">NP_003748</a>
Pathways:	<a href="#">Ribonucleoprotein Complex Subunit Organization</a>

## Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

## Handling

Format:	Liquid
Concentration:	0.25 mg/mL
Storage:	4 °C,-20 °C,-80 °C
Storage Comment:	Can be stored at +2°C to +8°C for 1 week. For long term storage, aliquot and store at -20°C to -80°C. Avoid repeated freezing and thawing cycles.