

# Recombinant Full Length Human EIF3I Protein, GST-tagged

Cat. No. EIF3I-4275HF Lot. No. (See product label)

## SPECIFICATION

<b>Product Overview</b>	Human EIF3S2 full-length ORF ( NP_003748.1, 1 a.a. - 325 a.a.) recombinant protein with GST-tag at N-terminal.
<b>Species</b>	Human
<b>Source</b>	In Vitro Cell Free System
<b>Protein Length</b>	325 amino acids
<b>Description</b>	EIF3I (Eukaryotic Translation Initiation Factor 3 Subunit I) is a Protein Coding gene. Among its related pathways are Viral mRNA Translation and Activation of the mRNA upon binding of the cap-binding complex and eIFs, and subsequent binding to 43S. GO annotations related to this gene include translation initiation factor activity. An important paralog of this gene is STRAP.
<b>Molecular Mass</b>	62.9 kDa
<b>AA Sequence</b>	MKPILLQGHERSITQIKYNREGDLLFTVAKDPIVNVWYSVNGERLGTVMGHTGAVWC VDADWDTKHVLTGSADNSCRLWDCETGKQLALLKTNSAVVRTCGFDFGGNIIMFSTD KQMGYQCFVSFFDLRDPSQIDNNEPYMKIPCNSKITSAVWGPLGECIIAGHESGEL NQYSAKSGEVLVNVKEHSRQINDIQLSRDMTMFVTASKDNTAKLFDSTTLEHQKTFR TERPVNSAALSPNYDHVVLGGGQEAMDVTTTSTRIGKFEARFFHLAFEEEEFGRVKG HFGPINSVAFHPDGKSYSSGGEDGYVRIHYFDPQYFEFEFEA
<b>Applications</b>	Enzyme-linked Immunoabsorbent Assay

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Western Blot (Recombinant protein)  
 Antibody Production  
 Protein Array

<b>Notes</b>	Best use within three months from the date of receipt of this protein.
<b>Storage</b>	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
<b>Storage Buffer</b>	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

## GENE INFORMATION

<b>Gene Name</b>	EIF3I eukaryotic translation initiation factor 3, subunit I [ Homo sapiens ]
<b>Official Symbol</b>	EIF3I
<b>Synonyms</b>	EIF3I; eukaryotic translation initiation factor 3, subunit I; EIF3S2, eukaryotic translation initiation factor 3, subunit 2 beta, 36kDa; eukaryotic translation initiation factor 3 subunit I; eIF3 beta; eIF3 p36; eIF3i; TRIP 1; eIF-3-beta; predicted protein of HQ2242; TGFbeta receptor-interacting protein 1; TGF-beta receptor-interacting protein 1; eukaryotic translation initiation factor 3 subunit 2; eukaryotic translation initiation factor 3, subunit 2 beta, 36kDa; eukaryotic translation initiation factor 3, subunit 2 (beta, 36kD); TRIP1; EIF3S2; TRIP-1; PRO2242; eIF3-p36; eIF3-beta;
<b>Gene ID</b>	8668
<b>mRNA Refseq</b>	NM_003757
<b>Protein Refseq</b>	NP_003748
<b>MIM</b>	603911

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