

Recombinant Human EIF3K Protein, GST-tagged

Cat. No. EIF3K-3191H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human EIF3S12 full-length ORF (NP_037366.1, 1 a.a. - 218 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
Description	The 700-kD eukaryotic translation initiation factor-3 (eIF3) is the largest eIF and contains at least 12 subunits, including EIF2S12. eIF3 plays an essential role in translation by binding directly to the 40S ribosomal subunit and promoting formation of the 40S preinitiation complex (Mayeur et al., 2003 [PubMed 14519125]).[supplied by OMIM, Mar 2008]
Molecular Mass	51.5 kDa
AA Sequence	MAMFEQMRANVGKLLKGIDRYNPENLATLERYVETQAKENAYDLEANLAVLKLYQF NPAFFQTTVTAQILLKALTNLPHDTFTLCKCMIDQAHQEERPIRQILYLGDLLETCHFQ AFWQALDENMDLLEGITGFEDSVRKFIHVVGITYQHIDRWLQAEMLGDLSDSQLKV WMSKYGWSADESGQIFICSQEEISKPKNIVEKIDFDSVSSIMASSQ
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array

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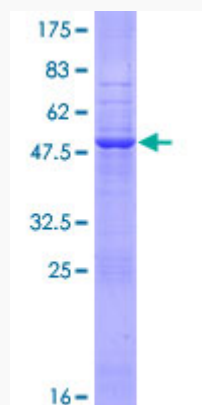
Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
GENE INFORMATION	
Gene Name	EIF3K eukaryotic translation initiation factor 3, subunit K [Homo sapiens]
Official Symbol	EIF3K
Synonyms	EIF3K; eukaryotic translation initiation factor 3, subunit K; EIF3S12, eukaryotic translation initiation factor 3, subunit 12; eukaryotic translation initiation factor 3 subunit K; ARG134; eIF3k; HSPC029; M9; PLAC 24; PRO1474; PTD001; eIF-3 p25; eIF-3 p28; muscle specific; muscle-specific gene M9 protein; eukaryotic translation initiation factor 3 subunit 12; eukaryotic translation initiation factor 3, subunit 12; PLAC24; EIF3S12; MSTP001; PLAC-24; EIF3-p28;
Gene ID	27335
mRNA Refseq	NM_013234
Protein Refseq	NP_037366
MIM	609596
UniProt ID	Q9UBQ5

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**Quality Control
Testing**



12.5% SDS-PAGE Stained with Coomassie Blue.

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