Recombinant Human EIF4B Protein, GST-tagged

Cat. No. EIF4B-3197H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human EIF4B full-length ORF (AAH98437.1, 1 a.a. - 611 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
Description	EIF4B (Eukaryotic Translation Initiation Factor 4B) is a Protein Coding gene. Diseases associated with EIF4B include Mouth Disease. Among its related pathways are RET signaling and MAPK Signaling: Mitogen Stimulation Pathway. GO annotations related to this gene include nucleic acid binding and RNA binding. An important paralog of this gene is EIF4H.
Molecular Mass	95.5 kDa
AA Sequence	MAASAKKKNKKGKTISLTDFLAEDGGTGGGSTYVSKPVSWADETDDLEGDVSTTW HSNDDDVYRAPPIDRSILPTAPRAAREPNIDRSRLPKSPPYTAFLGNLPYDVTEESIK EFFRGLNISAVRLPREPSNPERLKGFGYAEFEDLDSLLSALSLNEESLGNRRIRVDVA DQAQDKDRDDRSFGRDRNRDSDKTDTDWRARPATDSFDDYPPRRGDDSFGDKYR DRYDSDRYRDGYRDGYRDGPCRDMDRYGGRDRYDDRGSRDYDRGYDSRIGSGR RAFGSGYRRDDDYRGGGDRYEDRYDRRDDRSWSSRDDYSRDDYRRDDRGPPQR PKLNLKPRSTPKEDDSSASTSQSTRAASIFGGAKPVDTAARE REVEERLQKEQEKL QRQLDEPKLERRPRERHPSWRSEETQERERSRTGSESSQTGTSTTSSRNARRRES EKSLENETLNKEEDCHSPTSKPPKPDQPLKVMPAPPPKENAWVKRSSNPPARSQS

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	SDTEQQSPTSGGGKVAPAQPSEEGPGRKDENKVDGMNAPKGQTGNSSRGPGDG GNRDHWKESDRKDGKKDQDSRSAPEPKKPEENPASKFSSASKYAALSVDGEDENE GEDYAE
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array
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	EIF4B eukaryotic translation initiation factor 4B [Homo sapiens]
Official Symbol	EIF4B
Synonyms	EIF4B; eukaryotic translation initiation factor 4B; EIF-4B; PRO1843;
Gene ID	1975
mRNA Refseq	NM_001417
Protein Refseq	NP_001408
MIM	603928

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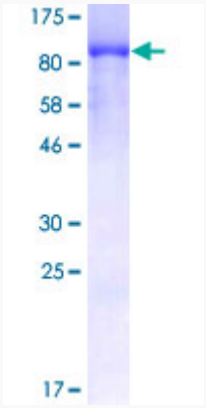
UniProt ID	P23588
Quality Control Testing	 12.5% SDS-PAGE Stained with Coomassie Blue.

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