

Recombinant Full Length Human EIF2S3 Protein, GST-tagged

Cat. No. EIF2S3-4198HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human EIF2S3 full-length ORF (NP_001406.1, 1 a.a. - 472 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	472 amino acids
Description	The protein encoded by this gene is the largest subunit of a heterotrimeric GTP-binding protein involved in the recruitment of methionyl-tRNA(i) to the 40 S ribosomal subunit. [provided by RefSeq, Jan 2010]
Molecular Mass	77.5 kDa
AA Sequence	MAGGEAGVTLGQPHLSRQDLTTLDVTKLTPLSHEVISRQATINIGTIGHVAHGKSTVV KAISGVHTVRFKNELERNITIKLGYANAKIYKLDDPSCPRPECYRSCGSSTPDEFPTDI PGTKGNFKLVHRHVSFVDCPGHDILMATMLNGAAVMDAALLLIAGNESCPQPQTSEH LAAIEIMKLKHILILQNKIDLVKESQAKEQYEQILAFVQGTVAEGAPIIPISAQLKYNIEVV CEYIVKKIPVPPRDFTSEPR LIVIRSFVDVNKPGCEVDDLKGGVAGGSILKGV LKVGQEI EVRPGIVSKDSEGKLMCKPIFSKIVSLFAEHNDLQYAAPGGLIGVGTKIDPTLCRADR MVGQVLGAVGALPEIFTELEISYFLLRRL LGVRTEGDKKA AKVQKLSKNEVLMVNIGS LSTGGRVSAVKADLGKIVLTNPVCTEVGEKIALSRRVEKHWRLIGWGQIRRGVTIKPT VDDD

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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	EIF2S3 eukaryotic translation initiation factor 2, subunit 3 gamma, 52kDa [Homo sapiens]
Official Symbol	EIF2S3
Synonyms	EIF2S3; eukaryotic translation initiation factor 2, subunit 3 gamma, 52kDa; EIF2G, eukaryotic translation initiation factor 2, subunit 3 (gamma, 52kD); eukaryotic translation initiation factor 2 subunit 3; EIF2; EIF2gamma; eukaryotic translation initiation factor 2G; eIF-2gX; eIF-2-gamma X; eukaryotic translation initiation factor 2 subunit gamma X; EIF2G; eIF-2gA;
Gene ID	1968
mRNA Refseq	NM_001415
Protein Refseq	NP_001406
MIM	300161

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UniProt ID

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