

Recombinant Full Length Human EEF1G Protein, GST-tagged

Cat. No. EEF1G-4210HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human EEF1G full-length ORF (AAH15813.1, 1 a.a. - 437 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	437 amino acids
Description	This gene encodes a subunit of the elongation factor-1 complex, which is responsible for the enzymatic delivery of aminoacyl tRNAs to the ribosome. This subunit contains an N-terminal glutathione transferase domain, which may be involved in regulating the assembly of multisubunit complexes containing this elongation factor and aminoacyl-tRNA synthetases. [provided by RefSeq, Jul 2008]
Molecular Mass	73.59 kDa
AA Sequence	MAAGTLYTYPENWRAFKALIAAQYSGAQVRVLSAPPHFHFGQTNRTPEFLRKFPAG KVPAFEGDDGFCVFESNAIAYHVSNEELRGSTPEAAAQVQWVSFADSDIVPPAST WVFPTLGIMHHDKQATENAKEEVRRILGLLDAYLKTRTFLVGERVTLADITVVCTLLW LYKQVLEPSFRQAFPNTNRWFLTCINQPQFRAVLGEVKLCEKMAQFDKKAETQP KKDTPRKEKGSREEKQKPQAERKEEKKAAAPAPEEEMDECEQALAAEPKAKDPFA HLPKSTFVLDEFKRKYSNEDTLSVALPYFWEHFDKDGWSLWYSEYRFPEELTQTFM SCNLITGMFQRLDKLRKNAFASVILFGTNNSSSISGVVFRGQELAFPLSPDWQVDY ESYTWRLDPGSEETQTLVREYFSWEGAFQHVKGAFNQKIFK

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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	EEF1G eukaryotic translation elongation factor 1 gamma [Homo sapiens]
Official Symbol	EEF1G
Synonyms	EEF1G; eukaryotic translation elongation factor 1 gamma; elongation factor 1-gamma; EF1G; PRO1608; EF-1-gamma; eEF-1B gamma; pancreatic tumor-related protein; translation elongation factor eEF-1 gamma chain; GIG35;
Gene ID	1937
mRNA Refseq	NM_001404
Protein Refseq	NP_001395
MIM	130593
UniProt ID	P26641

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