

Recombinant Human EEF1G Protein, GST-tagged

Cat. No. EEF1G-3074H 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	Wheat Germ
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	MAAGTLTYTPENWRAFKALIAAQYSGAQVRVLSAPPHFHFGQTNRTPFLRKFPAG KVPAFEGDDGFCVFESNAIAYHVSNEELRGSTPEAAAQVQWVSFADSDIVPPAST WVFPTLGIMHHDKQATENAKEEVRRILGLLDAYLKTRTFLVGERVTLADITVVCTLLW LYKQVLEPSFRQAFPNTNRWFLTCINQPQFRAVLGEVKLCEKMAQFDAQKFAETQP KKDTPRKEKGSREEKQKPQAERKEEKAAAPAPEEEMDECEQALAAEPKAKDPFA HLPKSTFVLDEFKRKYSNEDTSLVALPYFWEHFDKDGWLSLWYSEYRFPEELTQTFM SCNLITGMFQRLDKLRKNAFASVILFGTNNSSSISGVVWVFRGQELAFPLSPDWQVDY ESYTWKLDPGSEETQTLVREYFSWEGAFQHVHGKAFNQGKIFK
Applications	Enzyme-linked Immunoabsorbent Assay

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

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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