

# 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

**Protein Length** 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**

```
MAAGTLYTYPENWRAFKALIAAQYSGAQVRVLSAPPHFHFGQTNRTPPEFLRKFPAG
KVPAFEGDDGFCVFESNAIAYHVSNEELRGSTPEAAAQVVQWVSFADSDIVPPAST
WVFPTLGIMHHDKQATENAKEEVRRILGLLDAYLKTRTFLVGERVTLADITVVCTLLW
LYKQVLEPSFRQAFPNTNRWFLTCINQPQFRAVLGEVKLCEKMAQFDKKAETQP
KKDTPRKEKGSREEKQKPAERKEEKAAAAPAPEEEMDECEQALAAEPKAKDPFA
HLPKSTFVLDEFKRYSNEDTLSVALPYFWEHFDDKDGWVSLWYSEYRFPEELTQTFM
SCNLITGMFQRLDKLRKNAFASVILFGTNNSSSISGVVWVFRGQELAFPLSPDWQVDY
ESYTWKLDPGSEETQTLVREYFSWEGAFQHVKGAFNQKIFK
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 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

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

<b>Applications</b>	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array
<b>Notes</b>	Best use within three months from the date of receipt of this protein.
<b>Storage</b>	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
<b>Storage Buffer</b>	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

## GENE INFORMATION

<b>Gene Name</b>	EEF1G eukaryotic translation elongation factor 1 gamma [ Homo sapiens ]
<b>Official Symbol</b>	EEF1G
<b>Synonyms</b>	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;
<b>Gene ID</b>	1937
<b>mRNA Refseq</b>	NM_001404
<b>Protein Refseq</b>	NP_001395
<b>MIM</b>	130593
<b>UniProt ID</b>	P26641

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