

Recombinant Human EEF1G protein, His-tagged

Cat. No. EEF1G-01H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human EEF1G protein (1-437aa), fused to His-tag at N-terminus, was expressed in E. coli and purified by using conventional chromatography techniques.
Species	Human
Source	E.coli
ProteinLength	1-437 a.a.
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.
Form	Liquid
Molecular Mass	52.5 kDa (460aa)
AA Sequence	MGSSHHHHHHSSGLVPRGSHMGSMAGTLYTYPENWRAFKALIAAQYSGAQVRVL SAPPHFHFGQTNRTPEFLRKFPAGKVPAFEGDDGFCVFESNAIAYYSNEELRGST PEAAAQVVQWVSFADSDIVPPASTWVFPTLGIMHHNKQATENAKEEVRRILGLLDAY LKTRTFLVGERVTLADITVVCTLLWLYKQVLEPSFRQAFPNTNRWFLTCINQPQFRA VLGEVKLCEKMAQFDAKKFAETQPKKDTPRKEKGSREEKQKPQAERKEEKAAAP APEEEMDECEQALAAEPKAKDPFAHLPKSTFVLDEFKRKYSNEDTLSVALPYFWEH

 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

FDKDGWSLWYSEYRFPEELTQTFMSCNLITGMFQRLDKLRKNAFASVILFGTNNSS
SISGVVWVFRGQELAFPLSPDWQVDYESYTWRLDPGSEETQTLVREYFSWEGAFAQ
HVGKAFNQGKIFK

Purity > 90% by SDS-PAGE

Applications SDS-PAGE

Storage Can be stored at +2 to +8 centigrade for 1 week. For long term storage, aliquot and store at -20 to -80 centigrade. Avoid repeated freezing and thawing cycles.

Concentration 1 mg/mL (determined by Bradford assay)

Storage Buffer 20 mM Tris-HCl buffer (pH 8.0) containing 0.15 M NaCl, 10% glycerol, 1 mM DTT

GENE INFORMATION

Gene Name [EEF1G eukaryotic translation elongation factor 1 gamma \[Homo sapiens \(human\) \]](#)

Official Symbol [EEF1G](#)

Synonyms EEF1G; eukaryotic translation elongation factor 1 gamma; EF1G; GIG35; elongation factor 1-gamma; EF-1-gamma; PRO1608; eEF-1B gamma; pancreatic tumor-related protein; translation elongation factor eEF-1 gamma chain

Gene ID [1937](#)

mRNA Refseq [NM_001404](#)

Protein Refseq [NP_001395](#)

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

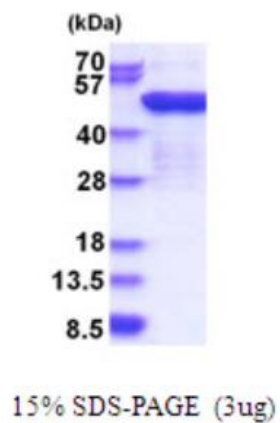
 Email: info@creative-biomart.com  Fax: 1-631-938-8127

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

MIM 130593

UniProt ID Q53YD7

SDS-PAGE



3 µg by SDS-PAGE under reducing condition and visualized by coomassie blue stain.

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