

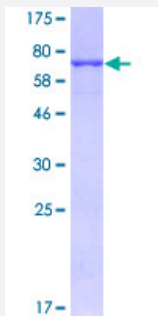
Full-Length

EEF1G (Human) Recombinant Protein (P01)

Catalog # H00001937-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human EEF1G full-length ORF (AAH15813.1, 1 a.a. - 437 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MAAGTLTYPENWRAFKALIAAQYSGAQVRVLSAPPHFHFGQTNRTPFLRKFPAGKVPAFEGD
DGFCVFESNAIAYHVSNEELRGSTPEAAAQVQWVSFADSDMPPASTWVFPTLGIMHHDQAT
ENAKEEVRRILGLLDAYLKTRTFLVGERVTLADITVCTLLWLYKQVLEPSFRQAFPNTNRWFLTCI
NQPQFRAVLGEVKLCEKMAQFDAKKFAETQPKKDTPRKEKGSREEKQKPQAERKEEKAAAAP
APEEEMDECEQALAAEPKAKDPFAHLPKSTFVLDEFKRYSNEDTSLVALPYFWEHFDKDGWS
LWYSEYRFPEELTQTFMSCNLITGMFQRLDKLRKNAFASVILFGTNNSSSISGVVWFRGQELAFPL
SPDWQVDYESYTWKLDPGSEETQTLVREYFSWEGAFQHV GKAFNQGKIFK

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

73.59

Preparation Method

[in vitro wheat germ expression system](#)

Purification

Glutathione Sepharose 4 Fast Flow

Quality Control Testing

12.5% SDS-PAGE Stained with Coomassie Blue.

Storage Buffer

50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

Storage Instruction

Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Note

Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — EEF1G

Entrez GeneID [1937](#)

GeneBank Accession# [BC015813](#)

Protein Accession# [AAH15813.1](#)

Gene Name EEF1G

Gene Alias EF1G, GIG35

Gene Description eukaryotic translation elongation factor 1 gamma

Omim ID [130593](#)

Gene Ontology [Hyperlink](#)

Gene Summary 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]

Other Designations EF-1-gamma|PRO1608|eEF-1B gamma|elongation factor 1-gamma|pancreatic tumor-related protein|translation elongation factor eEF-1 gamma chain