

Recombinant Human EEF1G Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. EEF1G-4783H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	EEF1G MS Standard C13 and N15-labeled recombinant protein (NP_001395) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
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.
Molecular Mass	49.9 kDa
AA Sequence	MAAGTLYTYPENWRAFKALIAAQYSGAQVRVLSAPPHFHFGQTNRTPEFLRKFPAG KVPAFEGDDGFCVFESNAIAYYVSNEELRGSTPEAAAQVVQWVSFADSDIVPPAST WVFPTLGIMHHNKQATENAKEEVRRILGLLDAYLKTRTFLVGERVTLADITVVCTLLW LYKQVLEPSFRQAFPNTNRWFLTCINQPQFRAVLGEVKLCEKMAQFDAKKFAETQP KKDTPRKEKGSREEKQKPQAERKEEKKAAAPAPEEEMDECEQALAAEPKAKDPFA HLPKSTFVLDEFKRKYSNEDTSLVALPYFWEHFDKDGWSLWYSEYRFPEELTQTFM SCNLITGMFQRLDKLRKNAFASVILFGTNNSSSISGVWVFRGQELAFPLSPDWQVDY ESYTWKLDPGSEETQTLVREYFSWEGAFQHVGKAFNQGKIFKTRTRPLEQKLISE

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EDLAANDILDYKDDDDKV

Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 µg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

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; 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

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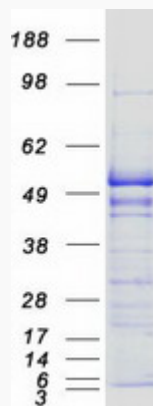
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UniProt ID

P26641

SDS-PAGE

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