

Recombinant Human EEF1G 293 Cell Lysate

Cat. No. EEF1G-6712HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species	Human
Source	HEK293
Description	Antigen standard for eukaryotic translation elongation factor 1 gamma (EEF1G) is a lysate prepared from HEK293T cells transiently transfected with a TrueORF gene-carrying pCMV plasmid and then lysed in RIPA Buffer. Protein concentration was determined using a colorimetric assay. The antigen control carries a C-terminal Myc/DDK tag for detection.
Components	This product includes 3 vials: 1 vial of gene-specific cell lysate, 1 vial of control vector cell lysate, and 1 vial of loading buffer. Each lysate vial contains 0.1 mg lysate in 0.1 ml (1 mg/ml) of RIPA Buffer (50 mM Tris-HCl pH7.5, 250 mM NaCl, 5 mM EDTA, 50 mM NaF, 1% NP40). The loading buffer vial contains 0.5 ml 2X SDS Loading Buffer (125 mM Tris-Cl, pH6.8, 10% glycerol, 4% SDS, 0.002% Bromophenol blue, 5% beta-mercaptoethanol).
Size	0.1 mg
Storage Instruction	Store at -80°C. Minimize freeze-thaw cycles. After addition of 2X SDS Loading Buffer, the lysates can be stored at -20°C. Product is guaranteed 6 months from the date of shipment.

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Applications

ELISA, WB, IP. WB: Mix equal volume of lysates with 2X SDS Loading Buffer. Boil the mixture for 10 min before loading (for membrane protein lysates, incubate the mixture at room temperature for 30 min). Load 5 ug lysate per lane.

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

**Chromosome
Location**

11q12.3

Pathway

Eukaryotic Translation Elongation, organism-specific biosystem; Gene Expression, organism-specific biosystem; Legionellosis, organism-specific biosystem; Legionellosis, conserved biosystem; Metabolism of proteins, organism-specific biosystem; Translation, organism-specific biosystem; Translation Factors, organism-

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specific biosystem;

Function

protein binding; translation elongation factor activity;

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