

Recombinant Human EEF1E1 293 Cell Lysate

Cat. No. EEF1E1-6713HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species	Human
Source	HEK293
Description	Antigen standard for eukaryotic translation elongation factor 1 epsilon 1 (EEF1E1), transcript variant 1 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

EEF1E1 eukaryotic translation elongation factor 1 epsilon 1 [Homo sapiens]

Official Symbol

EEF1E1

Synonyms

EEF1E1; eukaryotic translation elongation factor 1 epsilon 1; P18; eukaryotic translation elongation factor 1 epsilon-1; AIMP3; aminoacyl tRNA synthetase complex interacting multifunctional protein 3; ARS-interacting multifunctional protein 3; multisynthase complex auxiliary component p18; p18 component of aminoacyl-tRNA synthetase complex; aminoacyl tRNA synthetase complex-interacting multifunctional protein 3;

Gene ID

9521

mRNA Refseq

NM_001135650

Protein Refseq

NP_001129122

MIM

609206

UniProt ID

O43324

**Chromosome
Location**

6p24.3

Pathway

Cytosolic tRNA aminoacylation, organism-specific biosystem; Gene Expression,

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organism-specific biosystem; tRNA Aminoacylation, organism-specific biosystem;

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