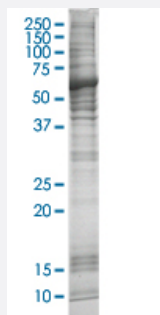


EEF1G HEK293 Cell Transient Overexpression Lysate(Non-Denatured)

Catalog # L081T6

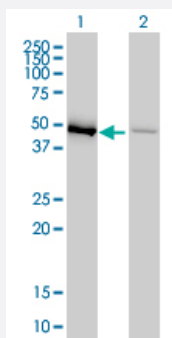
Size 100 ug

Applications



SDS-PAGE Gel

EEF1G transfected lysate



Western Blot

Lane 1: EEF1G transfected lysate (50 KDa).

Lane 2: Non-transfected lysate.

Specification

Transfected Cell Line	HEK293
Plasmid	pCMV-EEF1G full length
Host	Human
Theoretical MW (kDa)	50
Lysis Buffer	Modified RIPA Lysis Buffer:50 mM Tris-HCl pH 7.4, 150 mM NaCl, 1mM EDTA, 1% Triton X-100, 0.1% SDS, 1% Sodium deoxycholate, 1mM PMSF.
Concentration	2 mg/ml

Quality Control Testing

Transient overexpression cell lysate was tested with Anti-EEF1G antibody ([H00001937-M01](#)) by Western Blots.
SDS-PAGE Gel
EEF1G transfected lysate
Western Blot
Lane 1: EEF1G transfected lysate (50 KDa).
Lane 2: Non-transfected lysate.

Recommend Usage

Use it directly for immuno-precipitation, or heat lysate with SDS gel loading buffer to 95°C for 5 minutes followed by rapid cooling for western blot application. If dissociating conditions are required, add reducing agent prior to heating.

Storage Buffer

In modified RIPA Lysis Buffer.

Storage Instruction

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

Applications

- Western Blot
- Immunoprecipitation

[Protocol Download](#)

Gene Info — EEF1G

Entrez GeneID [1937](#)

GeneBank Accession# [BC015813](#)

Protein Accession# [AAH15813](#)

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
