

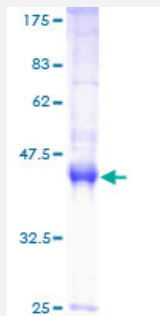
Full-Length

EEF1E1 (Human) Recombinant Protein (P01)

Catalog # H00009521-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human EEF1E1 full-length ORF (AAH05291, 1 a.a. - 174 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	MAAAEELSLEKSLGLSKGNKYSAQGERQIPVLQTNNGPSLTGLTTIAHLVKQANKEYLLGSTAE EKAIVQQWLEYRVTQVDGHSSKNDIHTLLKDLNSYLEDKVYLTGYNFTLADILLYGLHRFMDLTVQ EKEKYLNVSRWFCHIQHYPGIRQHLSSVVFINKRLYTNSH
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	44.88
Interspecies Antigen Sequence	Mouse (88); Rat (87)
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 — EEF1E1

Entrez GeneID [9521](#)

GeneBank Accession# [BC005291](#)

Protein Accession# [AAH05291](#)

Gene Name EEF1E1

Gene Alias AIMP3, P18

Gene Description eukaryotic translation elongation factor 1 epsilon 1

Omim ID [609206](#)

Gene Ontology [Hyperlink](#)

Gene Summary This gene encodes a multifunctional protein that localizes both in the cytoplasm and in the nucleus . In the cytoplasm, the encoded protein is an auxiliary component of the macromolecular aminoacyl-tRNA synthase complex. However, its mouse homolog has been shown to translocate to the nucleus in response to DNA damage and plays a positive role in ATM/ATR-mediated p53 activation. Alternative splicing results in multiple transcript variants. [provided by RefSeq]

Other Designations ARS-interacting multifunctional protein 3|OTTHUMP00000016008|p18 component of aminoacyl-tRNA synthetase complex