



# Recombinant Rat Elongation factor 1-gamma (Eef1g)

<b>Product Code</b>	CSB-EP721223RA
<b>Abbreviation</b>	Eef1g
<b>Storage</b>	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
<b>Uniprot No.</b>	Q68FR6
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Rattus norvegicus (Rat)
<b>Purity</b>	≥85% (SDS-PAGE)
<b>Sequence</b>	AAGTLYTYP ENWRAFKALI AAQYSGAQIR VLSAPPHFHF GQTNRTPEFL RKFPAGKVPA FEGDDGFCVF ESNAIAYYVS NEELRGSTPE AAAQVVQWVS FADSDIVPPA STWVFPTLGI MHHNKQATEN AKEEVKRILG LLDTHLKTRT FLVGERVTLA DITVVCTLLW LYKQVLEPSF RQAFPNTNRW FLTCINQPQF RAILGEVKLC EKMAQFDAKK FAESQPKKDT PRKEKGSREE KQKPQTERKE EKKAAAPAPE EEMDECEQAL AAEPKAKDPF AHLPKSTFVL DEFKRKYSNE DTLSVALPYF WEHFDKDGWS LWYAEYRFPE ELTQTFMSCN LITGMFQRLD KLRKNAFASV ILFGTNNSSS ISGVWVFRGQ DLAFPLSPDW QVDYESYTW KLDPGSEETQ TLVREYFSWE GAFQHVGKAV NQGKIFK
<b>Source</b>	E.coli
<b>Target Names</b>	Eef1g
<b>Protein Names</b>	Recommended name: Elongation factor 1-gamma Short name= EF-1-gamma Alternative name(s): eEF-1B gamma
<b>Expression Region</b>	2-437
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	Tag type will be determined during the manufacturing process.
<b>Protein Length</b>	Full Length of Mature Protein
<b>Target Details</b>	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.
<b>Reconstitution</b>	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final



concentration of glycerol is 50%. Customers could use it as reference.

### Shelf Life

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