



Recombinant Rat Elongation factor 1-gamma (Eef1g)

Product Code	CSB-MP721223RA
Abbreviation	Eef1g
Storage	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.
Uniprot No.	Q68FR6
Product Type	Recombinant Protein
Immunogen Species	Rattus norvegicus (Rat)
Purity	≥85% (SDS-PAGE)
Sequence	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 GAFQHV GKAV NQGKIFK
Source	Mammalian cell
Target Names	Eef1g
Protein Names	Recommended name: Elongation factor 1-gamma Short name= EF-1-gamma Alternative name(s): eEF-1B gamma
Expression Region	2-437
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	Full Length of Mature Protein
Target Details	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.
Reconstitution	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

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.