



Recombinant Mouse Elongation factor 2 (Eef2)

Product Code CSB-YP007434MO

Relevance

Catalyzes the GTP-dependent ribosomal translocation step during translation elongation. During this step, the ribosome changes from the pre-translocational (PRE) to the post-translocational (POST) state as the newly formed A-site-bound peptidyl-tRNA and P-site-bound deacylated tRNA move to the P and E sites, respectively. Catalyzes the coordinated movement of the two tRNA molecules, the mRNA and conformational changes in the ribosome.

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.

P58252

Product Type

Recombinant Proteins

Immunogen Species

Mus musculus (Mouse)

Purity

Greater than 90% as determined by SDS-PAGE.

Sequence

VNFTVDQIRAIMDKKANIRNMSVIAHVDHGKSTLTDLSLVCKAGIISARAGETRF
 TDTRKDEQERCITIKSTAISLFYELSENDLNFQSKDGGSGFLINLIDSPGHVDFS
 SEVTAALRVTDGALVVVDCVSGVCVQTETVLRQAIAERIKPVLMMNKMDRALL
 ELQLEPEELYQTFQRIVENVNVIIISTYGEGESGPMGNIMIDPVLGTVGFGSGLH
 GWAFTLKQFAEMYVAKFAAKGEGQLSAAERAKKVEDMMKKLWGDYRFDPAN
 GKFSKSANSPDGKKLPRTFQCQLILDPIFKVFDAIMNFRKEETAKLIEKLDIKLDSE
 DKDKEGKPLLKAVMRRWLPAGDALLQMITIHLPSVTAQKYRCHELLYEGPPDD
 EAAMGIKSCDPKGPLMMYISKMVPTSDKGRFYAFGRVFSGVVSTGLKVRIMG
 PNYTPGKKEDLYLKIQRITILMMGRYVEPIEDVPCGNIVGLVGVVDQFLVKTGTIT
 TFEHAHNMRVMKFSVSPVVRVAVEAKNPADLPKLVEGLKRLAKSDPMVQCIIIE
 ESGEHIIAGAGELHLEICLKDLEEDHACIPIKSDPVVSYRETVSEESNVLCLSK
 SPNKHNRLYMKARPPFDGLAEDIDKGEVSARQELKARARYLAEKYEWVDAEA
 RKIWCFCGPDGTGNILTDITKGVQYLNEIKDSVAVGFQWATKEGALCEENMRG
 VRFDVHDVTLHADAIHRGGGQIIPARRCLYASVLT AQPRLMEPIYLVEIQCP
 QVVGGIYGVLNRKRGHVFEEESQVAGTPMFVVKAYLPVNESFGFTADLRNTG
 GQAFPQCVDHWQILPGDPFDNSSRPSQVVAETRKRKGLKEGIPALDNFLDKL

Research Area

Others

Source

Yeast

Target Names

Eef2

Protein Names

Recommended name: Elongation factor 2 Short name= EF-2

Expression Region

2-858aa

Notes

Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.

**Tag Info**

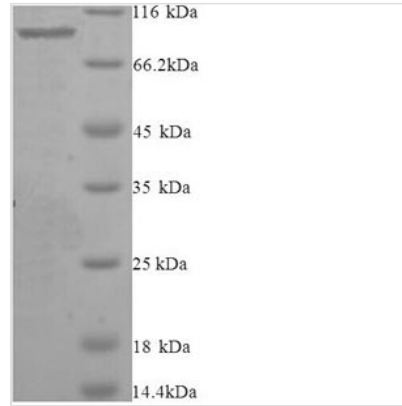
N-terminal 10xHis-tagged and C-terminal Myc-tagged

Mol. Weight

97.2kDa

Protein Length

Full Length of Mature Protein

Image

(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

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