Elongation Factor 2, Partial (EF-2) Recombinant Protein

PRODUCT OVERVIEW

Product Name	Elongation factor 2, partial (EF-2), Recombinant Protein
Full Product Name	Recombinant Elongation factor 2, partial
Product Gene Name	EF-2 recombinant protein
Product Synonym Names	Elongation factor 2; EF-2
Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE. (lot specific)
Preparation and Storage	Store at -20 degrees C. For long-term storage, store at -20 degrees C or -80 degrees C. Store working aliquots at 4 degrees C for up to one week. Repeated freezing and thawing is not recommended.
Molecular Weight	96,349 Da
Tag Information	This protein contains an N-terminal tag and may also contain a C-terminal tag. Tag types are determined by various factors including tag-protein stability, please inquire for tag information.
Sterility	Sterile filter available upon request.
Endotoxin	Low endotoxin available upon request.
3D Structure	ModBase 3D Structure for Q17152
Species	Blastocystis hominis
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for EF-2 recombinant protein	MBS1328858 is a recombinant protein targeting EF-2. Also known as Recombinant Elongation factor 2, partial. Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of EF-2 recombinant protein vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for EF-2. It may not necessarily be applicable to this product.

NCBI GI #	2494245
NCBI Accession #	Q17152.1
UniProt Primary Accession #	Q17152
NCBI Official Full Name	Elongation factor 2
UniProt Protein Name	Elongation factor 2
UniProt Gene Name	EF-2
UniProt Synonym Gene Names	EF-2
UniProt Entry Name	EF2_BLAHO

UniProt Comments for EF-2	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.
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