Elongation Factor 1-Beta (ef1b) Pyrococcus Abyssi Recombinant Protein

PRODUCT OVERVIEW

Product Name	Elongation factor 1-beta (ef1b), Recombinant Protein
Full Product Name	Recombinant Pyrococcus abyssi Elongation factor 1-beta (ef1b)
Product Gene Name	ef1b recombinant protein
Product Synonym Gene Name	ef1b
Sequence	MSDFNIVGVI KVMPSDPEVN LDELEEKLKA VIPEKYGLAK VEREPIAFGL VALKFYVLGK DEEGYSFDEV AEKFKEVENV ESAEVETVSR I
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	10,239 Da
Sequence Positions	1-91, Full length protein
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 Q9V2P6
Species	Pyrococcus abyssi (strain GE5 / Orsay)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for ef1b recombinant protein	MBS1413429 is a recombinant protein targeting ef1b. Also known as Recombinant Pyrococcus abyssi Elongation factor 1-beta (ef1b). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of ef1b 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 ef1b. It may not necessarily be applicable to this product.

NCBI GI #	499168876
NCBI Accession #	WP_010867152.1
UniProt Primary Accession #	Q9V2P6
UniProt Secondary Accession #	G8ZFK6
GenBank Nucleotide #	WP_010867152.1
NCBI Official Full Name	elongation factor 1-beta

UniProt Protein Name	Elongation factor 1-beta
UniProt Synonym Protein Names	aEF-1beta
UniProt Gene Name	ef1b
UniProt Synonym Gene Names	EF-1-beta
UniProt Comments for ef1b	Promotes the exchange of GDP for GTP in EF-1-alpha/GDP, thus allowing the regeneration of EF-1-alpha/GTP that could then be used to form the ternary complex EF-1-alpha/GTP/AAtRNA.
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