Translation Initiation Factor 2 Subunit Beta (eif2b) Pyrococcus Kodakaraensis Recombinant Protein

PRODUCT OVERVIEW

Product Name	Translation initiation factor 2 subunit beta (eif2b), Recombinant Protein
Full Product Name	Recombinant Pyrococcus kodakaraensis Translation initiation factor 2 subunit beta (eif2b)
Product Gene Name	eif2b recombinant protein
Product Synonym Gene Name	eif2b; TK1621
Product Synonym Names	Translation initiation factor 2 subunit beta; aIF2-beta; eIF-2-beta
Sequence	MSEKVDFYDF EKLLDKAYEE LPENVKHHHS RFEVPPAQVT IAGNRTIIEN FVDIAEAMNR DPNHLLKFIL REVATAGTLE GRRAILQGRF TPYLIANKMK KYLKEFVICP VCGSPDTKII KKGRFHFLKC EACGAETPIQ HL
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	16,301 Da
Sequence Positions	1-142aa; 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 Q5JIT0
Species	Pyrococcus kodakaraensis (strain BAA-918 / JCM 12380 / KOD1) (Thermococcus kodakaraensis (strain KOD1))
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for eif2b recombinant protein	MBS1386270 is a recombinant protein targeting eif2b. Also known as Recombinant Pyrococcus kodakaraensis Translation initiation factor 2 subunit beta (eif2b). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of eif2b 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 eif2b. It may not necessarily be applicable to this product.

NCBI GI #	57641556
NCBI GeneID	3234140
NCBI Accession #	YP_184034.1
UniProt Primary Accession #	Q5JIT0
UniProt Related Accession #	Q5JIT0

GenBank Nucleotide #	NC_006624.1
NCBI Official Full Name	translation initiation factor IF-2
NCBI Official Symbol	TK1621
UniProt Protein Name	Translation initiation factor 2 subunit beta
UniProt Synonym Protein Names	aIF2-beta; eIF-2-beta
Protein Family	Translation initiation factor
UniProt Gene Name	eif2b
UniProt Entry Name	IF2B_THEKO
NCBI Protein Information	translation initiation factor IF-2
UniProt Comments for eif2b	eIF-2 functions in the early steps of protein synthesis by forming a ternary complex with GTP and initiator tRNA.
Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.
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