Probable Translation Initiation Factor if-2 (Infb), Partial (infB) Pyrococcus Kodakaraensis Recombinant Protein

PRODUCT OVERVIEW

Product Name	Probable translation initiation factor IF-2 (infB), partial, Recombinant Protein
Full Product Name	Recombinant Pyrococcus kodakaraensis Probable translation initiation factor IF-2 (infB), partial
Product Gene Name	infB recombinant protein
Product Synonym Gene Name	infB; TK1305
Product Synonym Names	Probable translation initiation factor IF-2Cleaved into the following chain:; 1. Pko infB intein; Pko IF2 intein
Sequence	MTKRIRQPII AVLGHVDHGK
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	129,904 Da
Sequence Positions	1-20aa; 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 Q5JGR9
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 infB recombinant protein	MBS1381975 is a recombinant protein targeting infB. Also known as Recombinant Pyrococcus kodakaraensis Probable translation initiation factor IF-2 (infB), partial. Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of infB 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 infB. It may not necessarily be applicable to this product.

NCBI GI #	57641240
NCBI GeneID	3235795
NCBI Accession #	YP_183718.1
UniProt Primary Accession #	Q5JGR9
UniProt Related Accession #	Q5JGR9

GenBank Nucleotide #	NC_006624.1
NCBI Official Full Name	translation initiation factor IF-2
NCBI Official Symbol	TK1305
UniProt Protein Name	Probable translation initiation factor IF-2
UniProt Synonym Protein Names	Pko IF2 intein
Protein Family	Probable translation initiation factor
UniProt Gene Name	infB
UniProt Synonym Gene Names	TK1305
UniProt Entry Name	IF2P_THEKO
NCBI Protein Information	translation initiation factor IF-2
UniProt Comments for infB	Function in general translation initiation by promoting the binding of the formylmethionine-tRNA to ribosomes. Seems to function along with eIF-2 ().
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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