Prefoldin Subunit Beta (pfdB) Sulfolobus Islandicus Recombinant Protein

PRODUCT OVERVIEW

Product Name	Prefoldin subunit beta (pfdB), Recombinant Protein
Full Product Name	Recombinant Sulfolobus islandicus Prefoldin subunit beta (pfdB)
Product Gene Name	pfdB recombinant protein
Sequence	MAEKLPPEVQ AQLAKFQQLK DQLDRLLLEK STIENELREI NKVLEELSVL NADATIYKIV GNLLVKSDKT SVEKELNDRK ELLELRSRTY QKQESILRKQ LEDLQAKINE MLSKYYPQGG QTGIKA
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	14,557 Da
Sequence Positions	1-126, 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 C4KHE7
Species	Sulfolobus islandicus (strain M.16.4 / Kamchatka #3)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for pfdB recombinant protein	MBS1225698 is a recombinant protein targeting pfdB. Also known as Recombinant Sulfolobus islandicus Prefoldin subunit beta (pfdB). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of pfdB 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 pfdB. It may not necessarily be applicable to this product.

NCBI GI #	502108436
NCBI Accession #	WP_012711409.1
UniProt Primary Accession #	C4KHE7
GenBank Nucleotide #	WP_012711409.1
NCBI Official Full Name	prefoldin subunit beta
UniProt Protein Name	Prefoldin subunit beta
UniProt Synonym Protein Names	GimC subunit beta

Protein Family	Prefoldin
UniProt Gene Name	pfdB
UniProt Comments for pfdB	Molecular chaperone capable of stabilizing a range of proteins. Seems to fulfill an ATP-independent, HSP70-like function in archaeal de novo protein folding.
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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