Prefoldin Subunit Alpha (pfdA) Pyrobaculum Aerophilum Recombinant Protein

PRODUCT OVERVIEW

Product Name	Prefoldin subunit alpha (pfdA), Recombinant Protein
Full Product Name	Recombinant Pyrobaculum aerophilum Prefoldin subunit alpha (pfdA)
Product Gene Name	pfdA recombinant protein
Product Synonym Gene Name	pfdA
Sequence	MSRQDVQRLL EEYQLIGELL SSLQAQHATV AELLEELTTA LDGVRLLKGE GGERLVHIGA GLFVKGVFEA KEVLAPLGAG YHAFLDLNNA ERILQERIEE YSKLKTSLEE NIEKLAERAA QIRQALERLG IR
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	14,750 Da
Sequence Positions	1-132, 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 Q8ZTT9
Species	Pyrobaculum aerophilum (strain 51768 / IM2 / DSM 7523 / JCM 9630 / NBRC 100827)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for pfdA recombinant protein	MBS1441187 is a recombinant protein targeting pfdA. Also known as Recombinant Pyrobaculum aerophilum Prefoldin subunit alpha (pfdA). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of pfdA 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 pfdA. It may not necessarily be applicable to this product.

NCBI GI #	22256957
NCBI Accession #	Q8ZTT9.1
UniProt Primary Accession #	Q8ZTT9
NCBI Official Full Name	Prefoldin subunit alpha
UniProt Protein Name	Prefoldin subunit alpha
UniProt Synonym Protein Names	GimC subunit alpha

Protein Family	Prefoldin
UniProt Gene Name	pfdA
UniProt Comments for pfdA	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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