Ferredoxin Oxidoreductase 2 Subunit Ford (forD2) Aquifex Aeolicus Recombinant Protein

PRODUCT OVERVIEW

Product Name	Ferredoxin oxidoreductase 2 subunit forD (forD2), Recombinant Protein
Full Product Name	Recombinant Aquifex aeolicus Ferredoxin oxidoreductase 2 subunit forD (forD2)
Product Gene Name	forD2 recombinant protein
Sequence	MYFVADVKEK ECAQYNCKQC VLFCPEPNCL NFKASTNSAW VWYDRCKGCE ICVYVCSDLL KRHCIEMVMV TPKATAKS
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	8,987 Da
Sequence Positions	1-78, Full length
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 O67232
Species	Aquifex aeolicus (strain VF5)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for forD2 recombinant protein	MBS1215408 is a recombinant protein targeting forD2. Also known as Recombinant Aquifex aeolicus Ferredoxin oxidoreductase 2 subunit forD (forD2). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of forD2 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 forD2. It may not necessarily be applicable to this product.

NCBI GI #	15606416
NCBI GeneID	1192578
NCBI Accession #	NP_213796.1
UniProt Primary Accession #	O67232
UniProt Related Accession #	O67232
GenBank Nucleotide #	NC_000918.1
NCBI Official Full Name	ferredoxin

NCBI Official Symbol	fdx2
UniProt Protein Name	Ferredoxin oxidoreductase 2 subunit ForD
UniProt Synonym Protein Names	Ferredoxin oxidoreductase 2 subunit delta
Protein Family	Ferredoxin oxidoreductase
UniProt Gene Name	forD2
UniProt Synonym Gene Names	fdx2
NCBI Protein Information	ferredoxin
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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