Fumarate Reductase Subunit D (frdD) Salmonella Paratyphi C Recombinant Protein

PRODUCT OVERVIEW

Product Name	Fumarate reductase subunit D (frdD), Recombinant Protein
Full Product Name	Recombinant Salmonella paratyphi C Fumarate reductase subunit D (frdD)
Product Gene Name	frdD recombinant protein
Product Synonym Gene Name	frdD
Product Synonym Names	Recombinant Fumarate reductase subunit D (frdD); Fumarate reductase subunit D; Fumarate reductase 13 kDa hydrophobic protein
Sequence	MINPNPKRSD EPVFWGLFGA GGMWGAIIAP VIVLLVGIML PLGLFPGDAL SFERVLTFAQ SFIGRVFLFL MIVLPLWCGL HRMHHAMHDL KIHVPAGKWV FYGLAAILTV VTAIGVITL
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 degree C. For extended storage, store at -20 or -80 degree C.
Molecular Weight	13,049 Da
Sequence Positions	1-119
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.
Chromosome Location	NC_012125.1 (4594500..4594859, complement)
3D Structure	ModBase 3D Structure for C0Q6B2
Species	Salmonella paratyphi C (strain RKS4594)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for frdD recombinant protein	MBS1024133 is a recombinant protein targeting frdD. Also known as Recombinant Salmonella paratyphi C Fumarate reductase subunit D (frdD). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of frdD 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 frdD. It may not necessarily be applicable to this product.

NCBI GI #	224586184
NCBI GeneID	7557062
NCBI Accession #	YP_002639983.1
UniProt Primary Accession #	C0Q6B2

UniProt Related Accession #	C0Q6B2
GenBank Nucleotide #	NC_012125.1
NCBI Official Full Name	fumarate reductase subunit D
NCBI Official Symbol	frdD
UniProt Protein Name	Fumarate reductase subunit D
UniProt Synonym Protein Names	Fumarate reductase 13 kDa hydrophobic protein
Protein Family	Fumarate reductase
UniProt Gene Name	frdD
UniProt Entry Name	FRDD_SALPC
NCBI Protein Information	fumarate reductase subunit D
UniProt Comments for frdD	Function: Seems to be involved in the anchoring of the catalytic components of the fumarate reductase complex to the cytoplasmic membrane By similarity. HAMAP-Rule MF_00709 Subunit structure: Part of an enzyme complex containing four subunits: a flavoprotein (FrdA), an iron-sulfur protein (FrdB), and two hydrophobic anchor proteins (FrdC and FrdD) By similarity. Subcellular location: Cell inner membrane; Multi-pass membrane protein By similarity HAMAP-Rule MF_00709. Sequence similarities: Belongs to the FrdD family.
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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