Protein Fdhd Homolog (fdhD) Brucella Melitensis Biotype 1 Recombinant Protein

PRODUCT OVERVIEW

Product Name	Protein FdhD homolog (fdhD), Recombinant Protein
Full Product Name	Recombinant Brucella melitensis biotype 1 Protein FdhD homolog (fdhD)
Product Gene Name	fdhD recombinant protein
Product Synonym Gene Name	fdhD
Sequence	MTNQKISRDV HHLAHRMSGF QESSRIVPEE APIAMSYNGT TQAVMMATPG DLEDFAIGFS LTENIVTRIE EIEALDIVAF ESGIDIQMKL AKQPEQRLSA RRRFMAGQVG CGLCGIDSIE QALRPLHPLE ECSTTFTTRD IAAAVASLGA AQALNAKTHA THGAGFFRPG EGLFAVREDI GRHNALDKLI GAVAREGLLA EEGIVAITSR VSVEMVQKAV MLGVPVLAAI SAPTALAIRT AEAANLTLVA LVRDEEFDIY THCGRIIEG
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	28,876 Da
Sequence Positions	1-269, 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 Q8YCE3
Species	Brucella melitensis biotype 1 (strain 16M / 23456 / 10094)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for fdhD recombinant protein	MBS1468893 is a recombinant protein targeting fdhD. Also known as Recombinant Brucella melitensis biotype 1 Protein FdhD homolog (fdhD). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of fdhD 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 fdhD. It may not necessarily be applicable to this product.

NCBI GI #	490819885
NCBI Accession #	WP_004681982.1
UniProt Primary Accession #	Q8YCE3
GenBank Nucleotide #	WP_004681982.1
NCBI Official Full Name	MULTISPECIES: sulfurtransferase FdhD

UniProt Protein Name	Sulfur carrier protein FdhD
Protein Family	Protein
UniProt Gene Name	fdhD
UniProt Comments for fdhD	Required for formate dehydrogenase (FDH) activity. Acts as a sulfur carrier protein that transfers sulfur from IscS to the molybdenum cofactor prior to its insertion into FDH.
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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