Fructose-1,6-Bisphosphatase Class 1 2 (fbp2) Rhodobacter Sphaeroides Recombinant Protein

PRODUCT OVERVIEW

Product Name	Fructose-1,6-bisphosphatase class 1 2 (fbp2), Recombinant Protein
Full Product Name	Recombinant Rhodobacter sphaeroides Fructose-1,6-bisphosphatase class 1 2 (fbp2)
Product Gene Name	fbp2 recombinant protein
Product Synonym Gene Name	fbp2
Sequence	MAIELEDLGL SPDVADVMQR LARVGAGIAR IISRNGLERD LGAGVGTNAG GDGQKALDVI ADDAFRAALE GSAVAYYASE EQDEVVTLGE GSLALAIDPL DGSSNIDVNV SIGTIFSIFP AAAGPEASFL RPGTEQIAGG YIIYGPQCAL VCSFGQGVQH WVLDLDAGIF RRMPDIRPLP AETSEFAINA SNYRHWPQPI RAFVDDLVAG AEGPRGKNFN MRWIASLVAE THRILMRGGV FLYPGDERKG YERGRLRHVY ECAPIAFLIA NVGGGATDGC ADILTALPDR LHARTPFVFG CASKVARVAA YHDLACEETS ALFGSRGLFR S
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	35,256 Da
Sequence Positions	1-331, 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 Q3IX60
Species	Rhodobacter sphaeroides (strain 17023 / 2.4.1 / NCIB 8253 / DSM 158)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for fbp2 recombinant protein	MBS1356828 is a recombinant protein targeting fbp2. Also known as Recombinant Rhodobacter sphaeroides Fructose-1,6-bisphosphatase class 1 2 (fbp2). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of fbp2 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 fbp2. It may not necessarily be applicable to this product.

NCBI GI #	499658432
NCBI Accession #	WP_011339166.1
UniProt Primary Accession #	Q3IX60
GenBank Nucleotide #	WP_011339166.1

NCBI Official Full Name	fructose 1,6-bisphosphatase
UniProt Protein Name	Fructose-1,6-bisphosphatase class 1 2
UniProt Synonym Protein Names	D-fructose-1,6-bisphosphate 1-phosphohydrolase class 1 2
Protein Family	Agamous-like MADS-box protein
UniProt Gene Name	fbp2
UniProt Synonym Gene Names	FBPase class 1 2
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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