Fructose-1,6-Bisphosphatase Class 1 (fbp) Parvibaculum Lavamentivorans Recombinant Protein

PRODUCT OVERVIEW

Product Name	Fructose-1,6-bisphosphatase class 1 (fbp), Recombinant Protein
Full Product Name	Recombinant Parvibaculum lavamentivorans Fructose-1,6-bisphosphatase class 1 (fbp)
Product Gene Name	fbp recombinant protein
Sequence	MSQRTLTQFL IEQQRKEAAL PAQLRLLVEI VARACKTISH CVNKGALGGM LGNLTSENVQ GEVQKKLDVI ANEKLLEANE WGGHLAAMAS EEMETIHLIP NRYPKGEYLL LFDPIDGSSN IDVDLSVGTI FSVLTAPEDV SGRAVTEADF LQPGRKQVAA GYAIYGPQTL LILSVGTGVY EFALDREMGS WVLTNERIRI PSGNREFAIN MSNMRHWAPP VRRYIDECLA GTTGPREANF NMRWTASMVA DIHRILKRGG IFMYPWDARE PDRAGKLRLM YEANPMGFLI EQAGGMAFDG NHRILDIEPK ALHQRVGVVM GDRDEVKRVV QYHHDANLAK QTA
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	38,228 Da
Sequence Positions	1-343, 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 A7HYA5
Species	Parvibaculum lavamentivorans (strain DS-1 / DSM 13023 / NCIMB 13966)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for fbp recombinant protein	MBS1252276 is a recombinant protein targeting fbp. Also known as Recombinant Parvibaculum lavamentivorans Fructose-1,6-bisphosphatase class 1 (fbp). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of fbp 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 fbp. It may not necessarily be applicable to this product.

NCBI GI #	501060882
NCBI Accession #	WP_012112216.1
UniProt Primary Accession #	A7HYA5
GenBank Nucleotide #	WP_012112216.1
NCBI Official Full Name	fructose 1,6-bisphosphatase

UniProt Protein Name	Fructose-1,6-bisphosphatase class 1
UniProt Synonym Protein Names	D-fructose-1,6-bisphosphate 1-phosphohydrolase class 1
Protein Family	Fructose-1,6-bisphosphatase
UniProt Gene Name	fbp
UniProt Synonym Gene Names	FBPase class 1
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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