Fe (3+) Ions Import ATP-Binding Protein Fbpc (fbpC) Fusobacterium Nucleatum Subsp.nucleatum Recombinant Protein

PRODUCT OVERVIEW

Product Name	Fe (3+) ions import ATP-binding protein FbpC (fbpC), Recombinant Protein
Full Product Name	Recombinant Fusobacterium nucleatum subsp.nucleatum Fe (3+) ions import ATP-binding protein FbpC (fbpC)
Product Gene Name	fbpC recombinant protein
Product Synonym Gene Name	fbpC
Sequence	MSVNIKIENA QKRYGDNIII ENLSLDIKQG EFFTLLGPSG CGKTTLLRMI AGFNSIEKGN FYFNEKRIND LDPAKRNIGM VFQNYAIFPH LTVEQNVEFG LKNRKVSKEE MKIEIDKFLK LMQIDEYKDR MPERLSGGQQ QRVALARALV IKPDVLLMDE PLSNLDAKLR VEMRTAIKEI QNSIGITTVY VTHDQEEAMA VSDRIAVMKD GEIQHLGQPK DIYQRPANLF VATFIGKTNV LKGNLNGSIL KVAGKYEVSL NNIKDKNIKG NVVISIRPEE FVIDENQTKD GMRAFIDSSV FLGLNTHYFA HLESGEKIEI VQESKIDSII PKGAEVYLKV KQDKINVFTE DGSRNILEGV NNDAIGVAYV K
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	41,843 Da
Sequence Positions	1-371, 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 Q8RGC8
Species	Fusobacterium nucleatum subsp. nucleatum (strain 25586 / CIP 101130 / JCM 8532 / LMG 13131)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for fbpC recombinant protein	MBS1283877 is a recombinant protein targeting fbpC. Also known as Recombinant Fusobacterium nucleatum subsp.nucleatum Fe (3+) ions import ATP-binding protein FbpC (fbpC). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of fbpC 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 fbpC. It may not necessarily be applicable to this product.

NCBI GI #	19703718
NCBI GeneID	993103
NCBI Accession #	NP_603280.1

UniProt Primary Accession #	Q8RGC8
UniProt Related Accession #	Q8RGC8
GenBank Nucleotide #	NC_003454.1
NCBI Official Full Name	iron ABC transporter ATP-binding protein
NCBI Official Symbol	FN0376
UniProt Protein Name	Fe(3+) ions import ATP-binding protein FbpC
Protein Family	Diacylglycerol acyltransferase/mycolyltransferase
UniProt Gene Name	fbpC
NCBI Protein Information	iron ABC transporter ATP-binding protein
UniProt Comments for fbpC	Part of the ABC transporter complex FbpABC involved in Fe3+ ions import. Responsible for energy coupling to the transport system.
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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