Phosphonates Import ATP-Binding Protein Phnc 2 (phnC2) Synechococcus Sp. Recombinant Protein

PRODUCT OVERVIEW

Product Name	Phosphonates import ATP-binding protein PhnC 2 (phnC2), Recombinant Protein
Full Product Name	Recombinant Synechococcus sp. Phosphonates import ATP-binding protein PhnC 2 (phnC2)
Product Gene Name	phnC2 recombinant protein
Product Synonym Gene Name	phnC2
Sequence	MLRIDSLSKR YPTGDMALKG VTLEVPDGQV MALIGPSGAG KSTLLRCINR LVEPTSGSIW LNGIDLTRLN TRELRQARRK IGMIFQEYAL VERLTVMENV LSGQLGYVNF WQSWFRKFPQ ATIDEAFRLL DRVGLSDFPD KRADALSGGQ RQRVGIARAL LQNPELLLVD EPTASLDPKT SRQIMRLINE LASERGLSVI INIHDVPLAQ MFAQRIVGLR FGEVVYDGPP NRLTPSVLNE IYGEEDWNAS GPAQDSEENE AVSAGVATH
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	29,872 Da
Sequence Positions	1-269, 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 Q2JLH7
Species	Synechococcus sp. (strain JA-2-3B'a(2-13)) (Cyanobacteria bacterium Yellowstone B-Prime)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for phnC2 recombinant protein	MBS1410682 is a recombinant protein targeting phnC2. Also known as Recombinant Synechococcus sp. Phosphonates import ATP-binding protein PhnC 2 (phnC2). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of phnC2 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 phnC2. It may not necessarily be applicable to this product.

NCBI GI #	499752348
NCBI Accession #	WP_011433082.1
UniProt Primary Accession #	Q2JLH7
GenBank Nucleotide #	WP_011433082.1

NCBI Official Full Name	phosphonates import ATP-binding protein PhnC 2
UniProt Protein Name	Phosphonates import ATP-binding protein PhnC 2
Protein Family	Phosphonates import ATP-binding protein
UniProt Gene Name	phnC2
UniProt Comments for phnC2	Part of the ABC transporter complex PhnCDE involved in phosphonates 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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