Phosphonates Import ATP-Binding Protein Phnc (phnC) Bradyrhizobium Japonicum Recombinant Protein

PRODUCT OVERVIEW

Product Name	Phosphonates import ATP-binding protein PhnC (phnC), Recombinant Protein
Full Product Name	Recombinant Bradyrhizobium japonicum Phosphonates import ATP-binding protein PhnC (phnC)
Product Gene Name	phnC recombinant protein
Product Synonym Gene Name	phnC
Sequence	MLVVEGLTCR FGAKAAVDDA SFQISPGGFV GVIGRSGAGK STLLRTINRL VTPTQGRILF DGTDVTALRG KELRQWRARS AMIFQQFNLV GRLDVLTNVL MGRLATMPAW RSLSQTWPEH DKALAMSALE QFDIAALAAQ RADQLSGGQQ QRVAIARALV QQPDIILADE PIASLDPRNT KIVMDALLRI NKHFGITVLC NLHSLDLARS YCDRLIGMAQ GRVVFDGAPS ALTDHVAREL YDLEATDVMG GSPVPAPEGI PALGTAAAA
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	28,869 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 Q89C51
Species	Bradyrhizobium japonicum (strain USDA 110)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for phnC recombinant protein	MBS1342863 is a recombinant protein targeting phnC. Also known as Recombinant Bradyrhizobium japonicum Phosphonates import ATP-binding protein PhnC (phnC). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of phnC 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 phnC. It may not necessarily be applicable to this product.

NCBI GI #	27383058
NCBI GeneID	1050074
NCBI Accession #	NP_774587.1
UniProt Primary Accession #	Q89C51

UniProt Related Accession #	Q89C51
GenBank Nucleotide #	NC_004463.1
NCBI Official Full Name	phosphonates transport system nucleotide binding/ATPase
NCBI Official Symbol	phoC
UniProt Protein Name	Phosphonates import ATP-binding protein PhnC
Protein Family	Phosphate-import ATP-binding protein
UniProt Gene Name	phnC
NCBI Protein Information	phosphonates transport system nucleotide binding/ATPase
UniProt Comments for phnC	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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