Ribose 1,5-Bisphosphate Phosphokinase Phnn (phnN) Brucella Abortus Biovar 1 Recombinant Protein

PRODUCT OVERVIEW

Product Name	Ribose 1,5-bisphosphate phosphokinase PhnN (phnN), Recombinant Protein
Full Product Name	Recombinant Brucella abortus biovar 1 Ribose 1,5-bisphosphate phosphokinase PhnN (phnN)
Product Gene Name	phnN recombinant protein
Product Synonym Gene Name	phnN
Sequence	MQADTPKGCF VAVVGPSGAG KDTIMDAARV ALSGDMRFHF VRRIITRTQM PGTEDHDSLD EADFARAAGE GRFALHWQAH GLRYGLPKTL DDEIAGGAVV IANVSRRVLS DIRRLYTSRS VVVISARTEV LAQRLASRGR ESREEIAARL AREVGFDDGS GDVVTIDNSG EVGASTKAFL YHLHEIAVKT IA
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	20,763 Da
Sequence Positions	1-192, Full length
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 Q57D38
Species	Brucella abortus biovar 1 (strain 9-941)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for phnN recombinant protein	MBS1437883 is a recombinant protein targeting phnN. Also known as Recombinant Brucella abortus biovar 1 Ribose 1,5-bisphosphate phosphokinase PhnN (phnN). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of phnN 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 phnN. It may not necessarily be applicable to this product.

NCBI GI #	489059479
NCBI Accession #	WP_002969545.1
UniProt Primary Accession #	Q57D38
GenBank Nucleotide #	WP_002969545.1
NCBI Official Full Name	MULTISPECIES: ribose 1,5-bisphosphate phosphokinase PhnN

UniProt Protein Name	Ribose 1,5-bisphosphate phosphokinase PhnN
UniProt Synonym Protein Names	Ribose 1,5-bisphosphokinase
Protein Family	Bifunctional ribose 1,5-bisphosphokinase-thymidine phosphorylase
UniProt Gene Name	phnN
UniProt Comments for phnN	Catalyzes the phosphorylation of ribose 1,5-bisphosphate to 5-phospho-D-ribosyl alpha-1-diphosphate (PRPP).
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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