Phosphate-Binding Protein Psts (pstS) Staphylococcus Haemolyticus Recombinant Protein

PRODUCT OVERVIEW

Product Name	Phosphate-binding protein pstS (pstS), Recombinant Protein
Full Product Name	Recombinant Staphylococcus haemolyticus Phosphate-binding protein pstS (pstS)
Product Gene Name	pstS recombinant protein
Product Synonym Gene Name	pstS
Sequence	CGGGDSSGSG SGDGKDLKGE AKGEGSSTVA PIVEKLNEKW AKDHPNATIS SGQAGTGAGF EKFIAGETDF SQASRPIKDE EKQKLEDKDI KYKEFKIAQD GVTVAVNKDN DFVKELSKDQ LKKIYNGEAK TWKDVNSSWP DKKIKAFSPN SSHGTYDFFE EEVMDKEDIK AEKNGDTNVI VQSVEKNKEG IGYFGYNFYE QNKDKLKEVK IKDDKGKTTE PTKKTIKDGS YALSRPLFLY VKEKSLKDND VMREFIKFTL EDKGKSAEDA GYVASPEKTY KDELKDLKKY DKKSDK
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	35,118 Da
Sequence Positions	21-316, 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 Q4L694
Species	Staphylococcus haemolyticus (strain JCSC1435)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for pstS recombinant protein	MBS1354987 is a recombinant protein targeting pstS. Also known as Recombinant Staphylococcus haemolyticus Phosphate-binding protein pstS (pstS). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of pstS 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 pstS. It may not necessarily be applicable to this product.

NCBI GI #	499595080
NCBI Accession #	WP_011275814.1
UniProt Primary Accession #	Q4L694
GenBank Nucleotide #	WP_011275814.1

NCBI Official Full Name	MULTISPECIES: phosphate-binding protein
UniProt Protein Name	Phosphate-binding protein PstS
Protein Family	Phosphate-binding protein
UniProt Gene Name	pstS
UniProt Synonym Gene Names	PBP
UniProt Comments for pstS	Part of the ABC transporter complex PstSACB involved in phosphate import.
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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