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

PRODUCT OVERVIEW

Product Name	Phosphate-binding protein pstS (pstS), Recombinant Protein
Full Product Name	Recombinant Staphylococcus aureus Phosphate-binding protein pstS (pstS)
Product Gene Name	pstS recombinant protein
Product Synonym Gene Name	pstS
Sequence	CGGGNGGSGN SDLKGEAKGD GSSTVAPIVE KLNEKWAQDH SDAKISAGQA GTGAGFQKFI AGDIDFADAS RPIKDEEKQK LQDKNIKYKE FKIAQDGVTV AVNKENDFVD ELDKQQLKAI YSGKAKTWKD VNSKWPDKKI NAVSPNSSHG TYDFFENEVM NKEDIKAEKN ADTNAIVSSV TKNKEGIGYF GYNFYVQNKD KLKEVKIKDE NGKATEPTKK TIQDNSYALS RPLFIYVNEK ALKDNKVMSE FIKFVLEDKG KAAEEAGYVA APEKTYKSQL DDLKAFIDKN QKSDDKKSDD KKSEDKK
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	36,117 Da
Sequence Positions	21-327, 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 Q7A0X7
Species	Staphylococcus aureus (strain MW2)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for pstS recombinant protein	MBS1333906 is a recombinant protein targeting pstS. Also known as Recombinant Staphylococcus aureus 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 #	446681886
NCBI Accession #	WP_000759232.1
UniProt Primary Accession #	Q7A0X7
GenBank Nucleotide #	WP_000759232.1
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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