Low Molecular Weight Protein-Tyrosine-Phosphatase Ptpa (ptpA) Staphylococcus Aureus Recombinant Protein

PRODUCT OVERVIEW

Product Name	Low molecular weight protein-tyrosine-phosphatase ptpA (ptpA), Recombinant Protein
Full Product Name	Recombinant Staphylococcus aureus Low molecular weight protein-tyrosine-phosphatase ptpA (ptpA)
Product Gene Name	ptpA recombinant protein
Product Synonym Gene Name	ptpA
Sequence	MVDVAFVCLG NICRSPMAEA IMRQRLKDRN IHDIKVHSRG TGSWNLGEPP HEGTQKILNK HNIPFDGMIS ELFEATDDFD YIVAMDQSNV DNIKSINPNL KGQLFKLLEF SNMEESDVPD PYYTNNFEGV YDMVLSSCDN LIDYIVKDAN LKEG
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	17,491 Da
Sequence Positions	1-154, 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 Q99T00
Species	Staphylococcus aureus (strain Mu50 / 700699)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for ptpA recombinant protein	MBS1387387 is a recombinant protein targeting ptpA. Also known as Recombinant Staphylococcus aureus Low molecular weight protein-tyrosine-phosphatase ptpA (ptpA). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of ptpA 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 ptpA. It may not necessarily be applicable to this product.

NCBI GI #	446150811
NCBI Accession #	WP_000228666.1
UniProt Primary Accession #	Q99T00
GenBank Nucleotide #	WP_000228666.1

NCBI Official Full Name	MULTISPECIES: protein-tyrosine-phosphatase
UniProt Protein Name	Low molecular weight protein-tyrosine-phosphatase PtpA
UniProt Synonym Protein Names	Phosphotyrosine phosphatase A; PTPase A
Protein Family	Low molecular weight protein-tyrosine-phosphatase
UniProt Gene Name	ptpA
UniProt Synonym Gene Names	PTPase A
UniProt Comments for ptpA	Dephosphorylates the phosphotyrosine-containing proteins.
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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