Serine/Threonine-Protein Phosphatase 2 (pphB) Salmonella Typhimurium Recombinant Protein

PRODUCT OVERVIEW

Product Name	Serine/threonine-protein phosphatase 2 (pphB), Recombinant Protein
Full Product Name	Recombinant Salmonella typhimurium Serine/threonine-protein phosphatase 2 (pphB)
Product Gene Name	pphB recombinant protein
Product Synonym Gene Name	pphB
Sequence	MELIRYADIN SDLYRHIWVV GDIHGCYSLL LTRLAQLNFS PDTDLLISTG DNIDRGKENL ETLRLLNTPW FISVVGNHEA MALDAFETQD GNFWYVNGGY WYDSVTEKDR QEATELLLTF KQRPHIIEVE TSSKKYVIAH ADYPDDSYDY GKQVDIDSVL WSRDRLLGSL QGNIHPIRGA DTFIFGHMIV DYTTTFANQI YIDTGSFCSG NLSFFKIK
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	25,025 Da
Sequence Positions	1-218, 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 Q8ZMH3
Species	Salmonella typhimurium (strain LT2 / SGSC1412 / 700720)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for pphB recombinant protein	MBS1419333 is a recombinant protein targeting pphB. Also known as Recombinant Salmonella typhimurium Serine/threonine-protein phosphatase 2 (pphB). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of pphB 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 pphB. It may not necessarily be applicable to this product.

NCBI GI #	16766213
NCBI GeneID	1254430
NCBI Accession #	NP_461828.1
UniProt Primary Accession #	Q8ZMH3

UniProt Secondary Accession #	Q79S89
UniProt Related Accession #	Q8ZMH3
GenBank Nucleotide #	NC_003197.2
NCBI Official Full Name	serine/threonine protein phosphatase
NCBI Official Symbol	pphB
UniProt Protein Name	Serine/threonine-protein phosphatase 2
Protein Family	Serine/threonine-protein phosphatase
UniProt Gene Name	pphB
UniProt Synonym Gene Names	prpB
NCBI Protein Information	serine/threonine protein phosphatase
UniProt Comments for pphB	Can hydrolyze phosphorylated Ser-, Thr- or Tyr-substrates in vitro. The natural substrate is unknown.
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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