Phosphate Acyltransferase (plsX) Recombinant Protein

PRODUCT OVERVIEW

Product Name	Phosphate acyltransferase (plsX), Recombinant Protein
Full Product Name	Recombinant Leptospira interrogans serogroup Icterohaemorrhagiae serovar Lai Phosphate acyltransferase (plsX)
Product Gene Name	plsX recombinant protein
Product Synonym Gene Name	plsX
Sequence	MMWVAVDVMS GDYGPEKIIE GAVNAVNQDG ANVVLVGKEE EIGEILLKFE YDTNKVRIQH ASEIIDMNDS PSIAVRTLQD SSIVQATQIV ADKTCVGMFS PGNTGATMAS ALLYLGRIPG VLRPPIAAPI PQENGPPMLL VDAGANVDCK PDYLAQFAVM GEIYSKLIFN ILNPKVGILS NGEEDKKGNT VSLKAFEMIK KLPINFVGNV EGRDLYGSGK DVDVVVCDGF IGNIVLKATE GLSKSIFNVL RESIKQSSLA QTGALLLKPT LGAIKKRLDY AEYGGALLLG VDGICLIGHG SSNALAVQSA IRVAVECAQH QINDRIAADL KKYNI
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	35,745 Da
Sequence Positions	1-335, 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 Q8F6N9
Species	Leptospira interrogans serogroup Icterohaemorrhagiae serovar Lai (strain 56601)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for plsX recombinant protein	MBS1334055 is a recombinant protein targeting plsX. Also known as Recombinant Leptospira interrogans serogroup Icterohaemorrhagiae serovar Lai Phosphate acyltransferase (plsX). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of plsX 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 plsX. It may not necessarily be applicable to this product.

NCBI GI #	24213964
NCBI GeneID	1150607
NCBI Accession #	NP_711445.1
UniProt Primary Accession #	Q8F6N9

UniProt Related Accession #	Q8F6N9
GenBank Nucleotide #	NC_004342.2
NCBI Official Full Name	glycerol-3-phosphate acyltransferase PlsX
NCBI Official Symbol	plsX
UniProt Protein Name	Phosphate acyltransferase
UniProt Synonym Protein Names	Acyl-ACP phosphotransacylase
Protein Family	Phosphate acyltransferase
UniProt Gene Name	plsX
NCBI Protein Information	glycerol-3-phosphate acyltransferase PlsX
UniProt Comments for plsX	Catalyzes the reversible formation of acyl-phosphate (acyl-PO4) from acyl-[acyl-carrier-protein] (acyl-ACP). This enzyme utilizes acyl-ACP as fatty acyl donor, but not acyl-CoA.
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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