Phosphate Acyltransferase (plsX) Oceanobacillus Iheyensis Recombinant Protein

PRODUCT OVERVIEW

Product Name	Phosphate acyltransferase (plsX), Recombinant Protein
Full Product Name	Recombinant Oceanobacillus iheyensis Phosphate acyltransferase (plsX)
Product Gene Name	plsX recombinant protein
Product Synonym Gene Name	plsX
Sequence	MRLAIDAMGG DHAPKEVVLG AMDAVKELDV EITLYGDENQ ISPHLTNNKN ITIVHTEEVI TSNDEPVRAV RRKKNASLVL MANAVKEKQA DACISAGNTG ALMSAGLFVV GRIPGIDRPA LSPTLPTVDG KGFLMLDVGA NVDAKPDHLL QYAIMGSIYS EKVRKIQQPR VGLLNVGTED GKGNDLTKKA FELLQSAPIN FVGNVEARDI LNGVADVVVT DGFSGNVALK TIEGTAETIF SLLKGTLMSS TKTKLAAALV KKDLGGLKDK LDYSEYGGAG LFGLAAPVIK AHGSSNARAI YNAIKQAKHM VEFEVTPTIT ATVESIGKVE EE
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	35,192 Da
Sequence Positions	1-332, Full length
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 Q8ER09
Species	Oceanobacillus iheyensis (strain DSM 14371 / JCM 11309 / KCTC 3954 / HTE831)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for plsX recombinant protein	MBS1429274 is a recombinant protein targeting plsX. Also known as Recombinant Oceanobacillus iheyensis 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 #	499378344
NCBI Accession #	WP_011065922.1
UniProt Primary Accession #	Q8ER09
GenBank Nucleotide #	WP_011065922.1
NCBI Official Full Name	phosphate acyltransferase

UniProt Protein Name	Phosphate acyltransferase
UniProt Synonym Protein Names	Acyl-ACP phosphotransacylase
Protein Family	Phosphate acyltransferase
UniProt Gene Name	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.
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