Phosphate Acyltransferase (plsX) Anaeromyxobacter Sp. Recombinant Protein

PRODUCT OVERVIEW

Product Name	Phosphate acyltransferase (plsX), Recombinant Protein
Full Product Name	Recombinant Anaeromyxobacter sp. Phosphate acyltransferase (plsX)
Product Gene Name	plsX recombinant protein
Sequence	MVGKIAPIAV DAMGGDHAPG AIVQGAVNAA RKGLPVVLVG PEARVREELA RHRAASSLPL EVHPATEVVE MHDHPGQAMR RKKDNSIRVC FELVASGRAA GMVSAGNSGA VMAGAILVLG RPEGVERPAI VSVLPALKGA PLMLDMGAVV DCRPIHLVQF ALMGEVYSRR VHGVARPRVA ILSNGEEDTK GTDLTRAAAA ALRRAPIDFV GYCEGRDLLT GEVDVIVTDG FTGNVALKTM EGTAKVVGEY LKRALRSTTV SKIGGLLSKA ALEGMKKRID WREVGGAPLV GVNGVGFISH GRSDALAVEN AIRRAGDAAR THFIDEIARA VAPSHALLEV PADGAAAEQG PTPRRTAPRQ T
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	37,715 Da
Sequence Positions	1-361, 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 B4UIN4
Species	Anaeromyxobacter sp. (strain K)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for plsX recombinant protein	MBS1202797 is a recombinant protein targeting plsX. Also known as Recombinant Anaeromyxobacter sp. 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 #	501518907
NCBI Accession #	WP_012526844.1
UniProt Primary Accession #	B4UIN4
GenBank Nucleotide #	WP_012526844.1
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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