Phosphate Propanoyltransferase (pduL) Clostridium Novyi Recombinant Protein

PRODUCT OVERVIEW

Product Name	Phosphate propanoyltransferase (pduL), Recombinant Protein
Full Product Name	Recombinant Clostridium novyi Phosphate propanoyltransferase (pduL)
Product Gene Name	pduL recombinant protein
Sequence	MNVEEQLVQD IAKEIFQKSQ VKDRSLSIPV GVSNRHIHLN KEDLRILFGE NYELKVKSKI SQVGQFAAEE TVCIAGPKGC FTKVRVLGPI REYSQIELSK TDSYTLGIKA PVRVSGDIEG SANLCVIGPK GMKVFNEKVI CAKRHVHMLP KDADKYGVKD GDLVDVETIG DRSVVFKDVL VRVTNKSALE MHIDTDEANA SGVKSKDMVR IIRINR
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	24,022 Da
Sequence Positions	1-216, 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 A0Q2W0
Species	Clostridium novyi (strain NT)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for pduL recombinant protein	MBS1162640 is a recombinant protein targeting pduL. Also known as Recombinant Clostridium novyi Phosphate propanoyltransferase (pduL). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of pduL 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 pduL. It may not necessarily be applicable to this product.

NCBI GI #	500042226
NCBI GeneID	4541551
NCBI Accession #	WP_011722944.1
UniProt Primary Accession #	A0Q2W0
UniProt Related Accession #	A0Q2W0
GenBank Nucleotide #	WP_011722944.1

NCBI Official Full Name	phosphate propanoyltransferase
NCBI Official Symbol	NT01CX_RS10085
UniProt Protein Name	Phosphate propanoyltransferase
UniProt Synonym Protein Names	Phosphate acyltransferase PduL; Phosphotransacylase PduL; PTAC; Propanediol utilization protein PduL
Protein Family	Phosphate propanoyltransferase
UniProt Gene Name	pduL
UniProt Synonym Gene Names	PTAC
NCBI Protein Information	phosphate propanoyltransferase
UniProt Comments for pduL	Involved in 1,2-propanediol (1,2-PD) degradation by catalyzing the conversion of propanoyl-CoA to propanoyl-phosphate.
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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