Phosphate Propanoyltransferase (pduL) Listeria Monocytogenes Serovar 1/2a Recombinant Protein

PRODUCT OVERVIEW

Product Name	Phosphate propanoyltransferase (pduL), Recombinant Protein
Full Product Name	Recombinant Listeria monocytogenes serovar 1/2a Phosphate propanoyltransferase (pduL)
Product Gene Name	pduL recombinant protein
Product Synonym Gene Name	pduL
Sequence	MNNELITSLI EEVTRRALLE TGVEVEASGR HVHLDRETVD ALFGPGYELT HFRDLSQPGQ YVCKERISIV GPKSVIHNVV ILGPIRKKTQ VEISSTDGTA LGIKAPVRES GDIAGTPGIL LLSAKNSVQL SEGLIVAKRH IHMTPADAEK QQVSQSEIVQ VKINGDRPLI FDDVVVRISP DFATYMHIDY DEANACGFKK GIRGQIIKKT KAK
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	23,360 Da
Sequence Positions	1-213, 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 Q8Y7T9
Species	Listeria monocytogenes serovar 1/2a (strain BAA-679 / EGD-e)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for pduL recombinant protein	MBS1435915 is a recombinant protein targeting pduL. Also known as Recombinant Listeria monocytogenes serovar 1/2a 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 #	16803222
NCBI GeneID	986114
NCBI Accession #	NP_464707.1
UniProt Primary Accession #	Q8Y7T9
UniProt Related Accession #	Q8Y7T9

GenBank Nucleotide #	NC_003210.1
NCBI Official Full Name	PduL protein
NCBI Official Symbol	lmo1182
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	PduL protein
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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