Octanoyl-[Gcvh]:protein N-Octanoyltransferase (lipL) Bacillus Anthracis Recombinant Protein

PRODUCT OVERVIEW

Product Name	Octanoyl-[GcvH]:protein N-octanoyltransferase (lipL), Recombinant Protein
Full Product Name	Recombinant Bacillus anthracis Octanoyl-[GcvH]:protein N-octanoyltransferase (lipL)
Product Gene Name	lipL recombinant protein
Product Synonym Gene Name	lipL
Sequence	MSNSRSILSQ PEWRIVDQSS LGPTFHALQS FAMDDTLCTS IGKGESAATM RSWVHHNTIV LGIQDSRLPH LEEGISFLKE NNFNVIVRNS GGLAVVLDEG VLNVSLLFQE TEKGIDIDLG YDTMWHLIQE MLKDYDVTIE AKEIVGSYCP GSYDLSIRDQ KFAGISQRRI RGGVAVQIYL CATGSGSERA ALVRDFYNLA IQGEETRFTY PEIVPSTMAS LSELLDETIT VQDLMMRLLK TLQQFAPKLT PSQLTIDEIP LYETNLQRII DRNNKALGLE K
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	31,449 Da
Sequence Positions	1-281, 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 Q81JR5
Species	Bacillus anthracis
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for lipL recombinant protein	MBS1307219 is a recombinant protein targeting lipL. Also known as Recombinant Bacillus anthracis Octanoyl-[GcvH]:protein N-octanoyltransferase (lipL). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of lipL 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 lipL. It may not necessarily be applicable to this product.

NCBI GI #	30265408
NCBI GeneID	1085352
NCBI Accession #	NP_847785.1
UniProt Primary Accession #	Q81JR5

UniProt Secondary Accession #	Q6HQB3; Q6KJP4; E9QRP6; E9QRP7
GenBank Nucleotide #	NC_003997.3
NCBI Official Full Name	octanoyl-[GcvH]:protein N-octanoyltransferase
NCBI Official Symbol	BA_5635
UniProt Protein Name	Octanoyl-[GcvH]:protein N-octanoyltransferase
UniProt Synonym Protein Names	Octanoyl-[GcvH]:E2 amidotransferase
Protein Family	Lactonizing lipase
UniProt Gene Name	lipL
NCBI Protein Information	octanoyl-[GcvH]:protein N-octanoyltransferase
UniProt Comments for lipL	Catalyzes the amidotransfer (transamidation) of the octanoyl moiety from octanoyl-GcvH to the lipoyl domain of the E2 subunit of lipoate-dependent enzymes.
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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