Outer-Membrane Lipoprotein Carrier Protein (lolA) Erwinia Carotovora Subsp. Atroseptica Recombinant Protein

PRODUCT OVERVIEW

Product Name	Outer-membrane lipoprotein carrier protein (lolA), Recombinant Protein
Full Product Name	Recombinant Erwinia carotovora subsp. atroseptica Outer-membrane lipoprotein carrier protein (lolA)
Product Gene Name	lolA recombinant protein
Product Synonym Gene Name	lolA
Sequence	DAAKDLQGRL NKVNSFHANF SQKVTSTDGA AVQEGEGELW LKRPNLFNWK TTSPDESALI SDGKTLWFYN PFVEQVTATW LKDATGNTPF ILITRNDTSD WNKYDVRQKG DDFELTPKSA SGNLKQFAIN VTTNGTIKQF TATEQDGQRS TYVLRNQQNG VVDAAQFTFT PPKGVTLDDQ RQ
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	22,594 Da
Sequence Positions	22-203, 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 Q6D3U8
Species	Erwinia carotovora subsp. atroseptica (Pectobacterium atrosepticum)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for lolA recombinant protein	MBS1348989 is a recombinant protein targeting lolA. Also known as Recombinant Erwinia carotovora subsp. atroseptica Outer-membrane lipoprotein carrier protein (lolA). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of lolA 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 lolA. It may not necessarily be applicable to this product.

NCBI GI #	499406723
NCBI Accession #	WP_011094190.1
UniProt Primary Accession #	Q6D3U8
GenBank Nucleotide #	WP_011094190.1

NCBI Official Full Name	outer membrane lipoprotein carrier protein LolA
UniProt Protein Name	Outer-membrane lipoprotein carrier protein
Protein Family	Longitudinals lacking protein
UniProt Gene Name	lolA
UniProt Comments for lolA	Participates in the translocation of lipoproteins from the inner membrane to the outer membrane. Only forms a complex with a lipoprotein if the residue after the N-terminal Cys is not an aspartate (The Asp acts as a targeting signal to indicate that the lipoprotein should stay in the inner membrane).
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