Rare Lipoprotein A (rlpA) Yersinia Pestis Recombinant Protein

PRODUCT OVERVIEW

Product Name	Rare lipoprotein A (rlpA), Recombinant Protein
Full Product Name	Recombinant Yersinia pestis Rare lipoprotein A (rlpA)
Product Gene Name	rlpA recombinant protein
Product Synonym Gene Name	rlpA
Sequence	CIDQPPAPQQ QVQQTYSGPV EEIGGAEPRY EPFNPNVNQD YKVNGQSYRI IKDPQNFSQI GLASSYGEEA RGNTTATGEI FDPNALTAAH PTLPIPSYVR VTNVSNGRQI VVRVNDRGPY TPGRVIDLSR AAADRLNISN NTKVKIDFIN VAPDGSLSGP GMVGTTIAKQ SYALPSRPDL TSSGMGTPMQ QDAPATGAAV QAIDNSQLSG TDATQPVASQ SSGFLRAPTP VPAGVLESSE PVIDSAPVTP PVVANPGPVT TTPTSSAISG GYVVQVGALS DAQRAQSWQQ SLSQRFGVPG KVSNSGSIYR VQLGPFSHRQ QAVDLQQRLS NEAQQQSFIV AAP
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	38,018 Da
Sequence Positions	18-360, 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 Q8ZDG6
Species	Yersinia pestis
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for rlpA recombinant protein	MBS1353499 is a recombinant protein targeting rlpA. Also known as Recombinant Yersinia pestis Rare lipoprotein A (rlpA). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of rlpA 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 rlpA. It may not necessarily be applicable to this product.

NCBI GI #	488139116
NCBI Accession #	WP_002210324.1
UniProt Primary Accession #	Q8ZDG6
UniProt Secondary Accession #	Q0WDT0
GenBank Nucleotide #	WP_002210324.1

NCBI Official Full Name	MULTISPECIES: septal ring lytic transglycosylase RlpA
UniProt Protein Name	Endolytic peptidoglycan transglycosylase RlpA
UniProt Synonym Protein Names	Rare lipoprotein A
Protein Family	Endolytic peptidoglycan transglycosylase
UniProt Gene Name	rlpA
UniProt Comments for rlpA	Lytic transglycosylase with a strong preference for naked glycan strands that lack stem peptides.
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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