50s Ribosomal Protein L24 (rplX) Borrelia Hermsii Recombinant Protein

PRODUCT OVERVIEW

Product Name	50S ribosomal protein L24 (rplX), Recombinant Protein
Full Product Name	Recombinant Borrelia hermsii 50S ribosomal protein L24 (rplX)
Product Gene Name	rplX recombinant protein
Sequence	MKTKLKVGDN VKILCGKDRG KTGEIVSIDR KNLKVVVKSC NMVKKVIKAR TPQEKSKIID KEAPVDISNV MLFSNGITSR VGIKFENKEK KRYLKKNGEN V
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	11,376 Da
Sequence Positions	1-101, 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 B2S0J2
Species	Borrelia hermsii (strain DAH)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for rplX recombinant protein	MBS1208346 is a recombinant protein targeting rplX. Also known as Recombinant Borrelia hermsii 50S ribosomal protein L24 (rplX). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of rplX 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 rplX. It may not necessarily be applicable to this product.

NCBI GI #	501390686
NCBI Accession #	WP_012422252.1
UniProt Primary Accession #	B2S0J2
GenBank Nucleotide #	WP_012422252.1
NCBI Official Full Name	50S ribosomal protein L24
UniProt Protein Name	50S ribosomal protein L24
Protein Family	50S ribosomal protein

UniProt Gene Name	rplX
UniProt Comments for rplX	One of two assembly initiator proteins, it binds directly to the 5'-end of the 23S rRNA, where it nucleates assembly of the 50S subunit.
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