50s Ribosomal Protein L23 (rplW) Rickettsia Typhi Recombinant Protein

PRODUCT OVERVIEW

Product Name	50S ribosomal protein L23 (rplW), Recombinant Protein
Full Product Name	Recombinant Rickettsia typhi 50S ribosomal protein L23 (rplW)
Product Gene Name	rplW recombinant protein
Product Synonym Gene Name	rplW
Sequence	MSVYKYYDLI KKPIITEKTT SISEQNKYTF YVNKFAKKLT IKKAIEAIFK VKVKKVNILN IQGKKKRFKG IIGTQINQKK AIVTLEKDHN IDYAGGIK
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	11,341 Da
Sequence Positions	1-98, 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 Q68W80
Species	Rickettsia typhi (strain VR-144 / Wilmington)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for rplW recombinant protein	MBS1484824 is a recombinant protein targeting rplW. Also known as Recombinant Rickettsia typhi 50S ribosomal protein L23 (rplW). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of rplW 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 rplW. It may not necessarily be applicable to this product.

NCBI GI #	499504449
NCBI Accession #	WP_011191089.1
UniProt Primary Accession #	Q68W80
GenBank Nucleotide #	WP_011191089.1
NCBI Official Full Name	50S ribosomal protein L23
UniProt Protein Name	50S ribosomal protein L23

Protein Family	50S ribosomal protein
UniProt Gene Name	rplW
UniProt Comments for rplW	One of the early assembly proteins it binds 23S rRNA. One of the proteins that surrounds the polypeptide exit tunnel on the outside of the ribosome. Forms the main docking site for trigger factor binding to the ribosome.
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