50s Ribosomal Protein L20 (rplT) Clostridium Botulinum Recombinant Protein

PRODUCT OVERVIEW

Product Name	50S ribosomal protein L20 (rplT), Recombinant Protein
Full Product Name	Recombinant Clostridium botulinum 50S ribosomal protein L20 (rplT)
Product Gene Name	rplT recombinant protein
Sequence	MARVKRAMNA RKRHKKVLKL AKGYYGGKSK LFKTANESVI RALRNAYVGR KLKKRDYRKL WIARINAATR MNGLSYSKFM NGIKNAGIDI NRKMLSEIAI NDPKAFAELV DVAKKQLNA
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	13,584 Da
Sequence Positions	1-119, 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 B1L0T4
Species	Clostridium botulinum (strain Loch Maree / Type A3)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for rplT recombinant protein	MBS1236901 is a recombinant protein targeting rplT. Also known as Recombinant Clostridium botulinum 50S ribosomal protein L20 (rplT). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of rplT 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 rplT. It may not necessarily be applicable to this product.

NCBI GI #	489481563
NCBI Accession #	WP_003386545.1
UniProt Primary Accession #	B1L0T4
GenBank Nucleotide #	WP_003386545.1
NCBI Official Full Name	MULTISPECIES: 50S ribosomal protein L20
UniProt Protein Name	50S ribosomal protein L20
Protein Family	50S ribosomal protein

UniProt Gene Name	rplT
UniProt Comments for rplT	Binds directly to 23S ribosomal RNA and is necessary for the in vitro assembly process of the 50S ribosomal subunit. It is not involved in the protein synthesizing functions of that subunit.
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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