50s Ribosomal Protein L3 (rplC) Streptococcus Mutans Recombinant Protein

PRODUCT OVERVIEW

Product Name	50S ribosomal protein L3 (rplC), Recombinant Protein
Full Product Name	Recombinant Streptococcus mutans 50S ribosomal protein L3 (rplC)
Product Gene Name	rplC recombinant protein
Product Synonym Gene Name	rplC
Sequence	MTKGILGKKV GMTQIFTESG EFIPVTVIEA TPNVVLQVKT VETDGYEAVQ VGFDDKREVL SNKPAKGHVA KADTAPKRFI REFKNIEGLE VGQEITVEQF EAGDVVDVTG TTKGKGFQGA IKRHGQSRGP MAHGSRYHRR PGSMGPVAPN RVFKGKNLAG RMGGNRVTVQ NLEVVQVVPE KNVILIKGNV PGAKKSLIII KSAVKAAK
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	22,383 Da
Sequence Positions	1-208, 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 Q8DS16
Species	Streptococcus mutans
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for rplC recombinant protein	MBS1330789 is a recombinant protein targeting rplC. Also known as Recombinant Streptococcus mutans 50S ribosomal protein L3 (rplC). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of rplC 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 rplC. It may not necessarily be applicable to this product.

NCBI GI #	24380367
NCBI GeneID	1029179
NCBI Accession #	NP_722322.1
UniProt Primary Accession #	Q8DS16
UniProt Related Accession #	Q8DS16
GenBank Nucleotide #	NC_004350.2

NCBI Official Full Name	50S ribosomal protein L3
NCBI Official Symbol	rl3
UniProt Protein Name	50S ribosomal protein L3
Protein Family	50S ribosomal protein
UniProt Gene Name	rplC
NCBI Protein Information	50S ribosomal protein L3
UniProt Comments for rplC	One of the primary rRNA binding proteins, it binds directly near the 3'-end of the 23S rRNA, where it nucleates assembly of the 50S 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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