50s Ribosomal Protein L3 (rplC) Blochmannia Pennsylvanicus Recombinant Protein

PRODUCT OVERVIEW

Product Name	50S ribosomal protein L3 (rplC), Recombinant Protein
Full Product Name	Recombinant Blochmannia pennsylvanicus 50S ribosomal protein L3 (rplC)
Product Gene Name	rplC recombinant protein
Product Synonym Gene Name	rplC
Sequence	MKGLIGQKLG MTRLFDKDGV SIPVTMIEIT PHRVTQIKNI ENDGYCAVQV TTGMKNFKHI NRPETGHMIK SGVDAGRGVW EFRCEEAGMP QLSLGDIITI QIFKNVKKVD ITGISKGKGF AGTIKRWNFH MQDASHGNSL SHRAPGSIGQ NQTPGRVFKG KKMAGQLGNY KVTVQNLDVV NVDVKLNLLL VKGAVPGTIG GNLSIKKSVK INIREKM
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	23,721 Da
Sequence Positions	1-217, 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 Q493K8
Species	Blochmannia pennsylvanicus (strain BPEN)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for rplC recombinant protein	MBS1334264 is a recombinant protein targeting rplC. Also known as Recombinant Blochmannia pennsylvanicus 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 #	499602005
NCBI Accession #	WP_011282739.1
UniProt Primary Accession #	Q493K8
GenBank Nucleotide #	WP_011282739.1
NCBI Official Full Name	50S ribosomal protein L3

UniProt Protein Name	50S ribosomal protein L3
Protein Family	50S ribosomal protein
UniProt Gene Name	rplC
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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