50s Ribosomal Protein L7/L12 (rplL) Bifidobacterium Longum Recombinant Protein

PRODUCT OVERVIEW

Product Name	50S ribosomal protein L7/L12 (rplL), Recombinant Protein
Full Product Name	Recombinant Bifidobacterium longum 50S ribosomal protein L7/L12 (rplL)
Product Gene Name	rplL recombinant protein
Product Synonym Gene Name	rplL
Sequence	MAKYTNDELL EAFGEMTLVE LSEFVKAFEE KFDVEAAAPV AAVAAVAGAA APAEEEKDEF DVILSAVGDK KIQVIKAVRA ITNLGLAEAK ALVDGAPKAV LEKAKKEDAE KAKAQLEEAG ASVELK
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	13,247 Da
Sequence Positions	1-126, 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 Q8G443
Species	Bifidobacterium longum (strain NCC 2705)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for rplL recombinant protein	MBS1329731 is a recombinant protein targeting rplL. Also known as Recombinant Bifidobacterium longum 50S ribosomal protein L7/L12 (rplL). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of rplL 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 rplL. It may not necessarily be applicable to this product.

NCBI GI #	23466103
NCBI GeneID	1021719
NCBI Accession #	NP_696706.1
UniProt Primary Accession #	Q8G443
UniProt Related Accession #	Q8G443
GenBank Nucleotide #	NC_004307.2

NCBI Official Full Name	50S ribosomal protein L7/L12
NCBI Official Symbol	rplL
UniProt Protein Name	50S ribosomal protein L7/L12
Protein Family	50S ribosomal protein
UniProt Gene Name	rplL
NCBI Protein Information	rplL
UniProt Comments for rplL	Forms part of the ribosomal stalk which helps the ribosome interact with GTP-bound translation factors. Is thus essential for accurate translation.
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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