50s Ribosomal Protein L22P (rpl22p) Methanococcoides Burtonii Recombinant Protein

PRODUCT OVERVIEW

Product Name	50S ribosomal protein L22P (rpl22p), Recombinant Protein
Full Product Name	Recombinant Methanococcoides burtonii 50S ribosomal protein L22P (rpl22p)
Product Gene Name	rpl22p recombinant protein
Product Synonym Gene Name	rpl22p
Sequence	MARIKYTTEL DAETSAKAMG SELHISPKKS RELCKAIKGM RTNAARQYLE DVVILKQAVP FGRHNDSLGH RKGPMAAGRY PVKVASEMLK LLKNAESNAE YKGLNPEHMF IAHTAMNRGR VIHGMRPRAR GRASPENTET VNLEMIISEV R
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	16,883 Da
Sequence Positions	1-151, 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 Q12ZU6
Species	Methanococcoides burtonii (strain DSM 6242)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for rpl22p recombinant protein	MBS1389848 is a recombinant protein targeting rpl22p. Also known as Recombinant Methanococcoides burtonii 50S ribosomal protein L22P (rpl22p). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of rpl22p 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 rpl22p. It may not necessarily be applicable to this product.

NCBI GI #	499817460
NCBI GeneID	3996906
NCBI Accession #	WP_011498194.1
UniProt Primary Accession #	Q12ZU6
UniProt Related Accession #	Q12ZU6
GenBank Nucleotide #	WP_011498194.1

NCBI Official Full Name	50S ribosomal protein L22
NCBI Official Symbol	MBUR_RS00035
UniProt Protein Name	50S ribosomal protein L22
UniProt Gene Name	rpl22
NCBI Protein Information	50S ribosomal protein L22
UniProt Comments for rpl22p	This protein binds specifically to 23S rRNA. It makes multiple contacts with different domains of the 23S rRNA in the assembled 50S subunit and ribosome.
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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