50s Ribosomal Protein L22, Chloroplastic (rpl22) Arabidopsis Thaliana Recombinant Protein

PRODUCT OVERVIEW

Product Name	50S ribosomal protein L22, chloroplastic (rpl22), Recombinant Protein
Full Product Name	Recombinant Arabidopsis thaliana 50S ribosomal protein L22, chloroplastic (rpl22)
Product Gene Name	rpl22 recombinant protein
Sequence	MIKKRKKKSY TEVYALGQYI SMSAHKARRV IDQIRGRSYE EALMILELMP YRGCYPIFKL VYSAAANASH NKGFKETNLV ISKAEVNQGN TVKKLKPRAR GRSYPIKRST CHITIVLEDI SFYQQYEEYL MYLKKPGCSN ENRNLTCYDT YSSGGLWDKK
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	18,587 Da
Sequence Positions	1-160, 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 P56795
Species	Arabidopsis thaliana (Mouse-ear cress)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for rpl22 recombinant protein	MBS1127634 is a recombinant protein targeting rpl22. Also known as Recombinant Arabidopsis thaliana 50S ribosomal protein L22, chloroplastic (rpl22). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of rpl22 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 rpl22. It may not necessarily be applicable to this product.

NCBI GI #	7525072
NCBI GeneID	844721
NCBI Accession #	NP_051097.1
UniProt Primary Accession #	P56795
UniProt Related Accession #	P56795
GenBank Nucleotide #	NC_000932.1

NCBI Official Full Name	ribosomal protein L22 (chloroplast)
NCBI Official Symbol	rpl22
UniProt Protein Name	50S ribosomal protein L22, chloroplastic
Protein Family	50S ribosomal protein
UniProt Gene Name	rpl22
NCBI Protein Information	ribosomal protein L22
UniProt Comments for rpl22	This protein binds specifically to 23S rRNA.
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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