50s Ribosomal Protein L14, Chloroplastic (rpl14) Aethionema Grandiflora Recombinant Protein

PRODUCT OVERVIEW

Product Name	50S ribosomal protein L14, chloroplastic (rpl14), Recombinant Protein
Full Product Name	Recombinant Aethionema grandiflora 50S ribosomal protein L14, chloroplastic (rpl14)
Product Gene Name	rpl14 recombinant protein
Sequence	MIQPQTYLNV ADNSGARELM CIRIIGASNR RYAHIGDVIV AVIKEAIPNT PLERSEVIRA VIVRTCKELK RNNGTIIRYD DNAAVVIDQE GNPKGTRVFG AIPRELRQLN FTKIVSLAPE VL
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	13,582 Da
Sequence Positions	1-122, 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 A4QJN5
Species	Aethionema grandiflora (Persian stone-cress)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for rpl14 recombinant protein	MBS1253809 is a recombinant protein targeting rpl14. Also known as Recombinant Aethionema grandiflora 50S ribosomal protein L14, chloroplastic (rpl14). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of rpl14 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 rpl14. It may not necessarily be applicable to this product.

NCBI GI #	139389300
NCBI GeneID	4962250
NCBI Accession #	YP_001123066.1
UniProt Primary Accession #	A4QJN5
UniProt Related Accession #	A4QJN5
GenBank Nucleotide #	NC_009266.1
NCBI Official Full Name	ribosomal protein L14 (chloroplast)

NCBI Official Symbol	rpl14
UniProt Protein Name	50S ribosomal protein L14, chloroplastic
Protein Family	50S ribosomal protein
UniProt Gene Name	rpl14
NCBI Protein Information	ribosomal protein L14
UniProt Comments for rpl14	Binds 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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