50s Ribosomal Protein L20, Chloroplastic (rpl20) Pseudendoclonium Akinetum Recombinant Protein

PRODUCT OVERVIEW

Product Name	50S ribosomal protein L20, chloroplastic (rpl20), Recombinant Protein
Full Product Name	Recombinant Pseudendoclonium akinetum 50S ribosomal protein L20, chloroplastic (rpl20)
Product Gene Name	rpl20 recombinant protein
Product Synonym Gene Name	rpl20
Sequence	MTRIKRGFVA RKRRKKVLNL TKGFRGSSSV LFRPANQRKM KALRFSYRDR RQRKRDLRSL WITRINSASR LYNLNYSQFV YKLKQLNIHI NRKWLAQLAI RDYKVFDELI KTVF
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	13,953 Da
Sequence Positions	1-114, 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 Q3ZJ37
Species	Pseudendoclonium akinetum (Green alga)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for rpl20 recombinant protein	MBS1331752 is a recombinant protein targeting rpl20. Also known as Recombinant Pseudendoclonium akinetum 50S ribosomal protein L20, chloroplastic (rpl20). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of rpl20 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 rpl20. It may not necessarily be applicable to this product.

NCBI GI #	108796930
NCBI GeneID	4108755
NCBI Accession #	YP_636230.1
UniProt Primary Accession #	Q3ZJ37
UniProt Related Accession #	Q3ZJ37
GenBank Nucleotide #	NC_008114.1

NCBI Official Full Name	ribosomal protein L20 (chloroplast)
NCBI Official Symbol	rpl20
UniProt Protein Name	50S ribosomal protein L20, chloroplastic
Protein Family	50S ribosomal protein
UniProt Gene Name	rpl20
NCBI Protein Information	50S ribosomal protein L20
UniProt Comments for rpl20	Binds directly to 23S ribosomal RNA and is necessary for the in vitro assembly process of the 50S ribosomal subunit. It is not involved in the protein synthesizing functions of that 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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