30s Ribosomal Protein S13, Chloroplastic (rps13) Emiliania Huxleyi Recombinant Protein

PRODUCT OVERVIEW

Product Name	30S ribosomal protein S13, chloroplastic (rps13), Recombinant Protein
Full Product Name	Recombinant Emiliania huxleyi 30S ribosomal protein S13, chloroplastic (rps13)
Product Gene Name	rps13 recombinant protein
Product Synonym Gene Name	rps13
Sequence	MVRISGVDLP RNKRIQIGLT SIFGIGNTSA DKILTTANLS PDIRCSDLTD EQVSSLRTII DESYQTEGDL RRVYSLNIKR LTEIGSAAGR RHRVNLPVRG QRTRTNARTR KGKVKTAVAK KKGR
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	13,804 Da
Sequence Positions	1-124, 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 Q4G349
Species	Emiliania huxleyi
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for rps13 recombinant protein	MBS1318278 is a recombinant protein targeting rps13. Also known as Recombinant Emiliania huxleyi 30S ribosomal protein S13, chloroplastic (rps13). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of rps13 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 rps13. It may not necessarily be applicable to this product.

NCBI GI #	71842330
NCBI GeneID	3562502
NCBI Accession #	YP_277418.1
UniProt Primary Accession #	Q4G349
UniProt Related Accession #	Q4G349
GenBank Nucleotide #	NC_007288.1

NCBI Official Full Name	ribosomal protein S13 (chloroplast)
NCBI Official Symbol	rps13
UniProt Protein Name	30S ribosomal protein S13, chloroplastic
Protein Family	40S ribosomal protein
UniProt Gene Name	rps13
NCBI Protein Information	30S ribosomal protein S13
UniProt Comments for rps13	Located at the top of the head of the 30S subunit, it contacts several helices of the 16S 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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