30s Ribosomal Protein S14 Type Z (rpsZ) Carboxydothermus Hydrogenoformans Recombinant Protein

PRODUCT OVERVIEW

Product Name	30S ribosomal protein S14 type Z (rpsZ), Recombinant Protein
Full Product Name	Recombinant Carboxydothermus hydrogenoformans 30S ribosomal protein S14 type Z (rpsZ)
Product Gene Name	rpsZ recombinant protein
Product Synonym Gene Name	rpsZ
Sequence	MAKKSMIAKA QRPPKFKVRK YNRCKICGRP RAYLRDFGMC RICFRKLAHQ GEIPGVKKAS W
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	7,156 Da
Sequence Positions	1-61, 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 Q3A9S9
Species	Carboxydothermus hydrogenoformans (strain Z-2901 / DSM 6008)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for rpsZ recombinant protein	MBS1458409 is a recombinant protein targeting rpsZ. Also known as Recombinant Carboxydothermus hydrogenoformans 30S ribosomal protein S14 type Z (rpsZ). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of rpsZ 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 rpsZ. It may not necessarily be applicable to this product.

NCBI GI #	499664444
NCBI Accession #	WP_011345178.1
UniProt Primary Accession #	Q3A9S9
GenBank Nucleotide #	WP_011345178.1
NCBI Official Full Name	MULTISPECIES: 30S ribosomal protein S14 type Z
UniProt Protein Name	30S ribosomal protein S14 type Z

Protein Family	30S ribosomal protein
UniProt Gene Name	rpsZ
UniProt Comments for rpsZ	Binds 16S rRNA, required for the assembly of 30S particles and may also be responsible for determining the conformation of the 16S rRNA at the A site.
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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