30s Ribosomal Protein S3 (rpsC) Rhodobacter Sphaeroides Recombinant Protein

PRODUCT OVERVIEW

Product Name	30S ribosomal protein S3 (rpsC), Recombinant Protein
Full Product Name	Recombinant Rhodobacter sphaeroides 30S ribosomal protein S3 (rpsC)
Product Gene Name	rpsC recombinant protein
Sequence	MGQKVNPIGM RLQVNRTWDS RWFAESKDYG NLLLEDLKMR EFIHDYAKQA GVSKVIIERP HRKCRVTIHT ARPGVIIGKK GADIETLRKK LSAFTKSELH LNIVEIRKPE LDAQLVAESI AQQMERRVSF RRAMKRGVQN AMRIGALGIR VNVSGRLGGA EIARTEWYRE GRVPLHTLRA DIDYATSEAT TPYGIIGVKV WIFKGEILEH DPQAHDRRHS EAQEGAAPRP PRRDRERA
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	27,202 Da
Sequence Positions	1-238, 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 B9KL97
Species	Rhodobacter sphaeroides (strain KD131 / KCTC 12085)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for rpsC recombinant protein	MBS1247675 is a recombinant protein targeting rpsC. Also known as Recombinant Rhodobacter sphaeroides 30S ribosomal protein S3 (rpsC). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of rpsC 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 rpsC. It may not necessarily be applicable to this product.

NCBI GI #	488810092
NCBI Accession #	WP_002722498.1
UniProt Primary Accession #	B9KL97
GenBank Nucleotide #	WP_002722498.1
NCBI Official Full Name	MULTISPECIES: 30S ribosomal protein S3
UniProt Protein Name	30S ribosomal protein S3

Protein Family	30S ribosomal protein
UniProt Gene Name	rpsC
UniProt Comments for rpsC	Binds the lower part of the 30S subunit head. Binds mRNA in the 70S ribosome, positioning it for translation.
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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