30s Ribosomal Protein S3 (rpsC) Geobacillus Stearothermophilus Recombinant Protein

PRODUCT OVERVIEW

Product Name	30S ribosomal protein S3 (rpsC), Recombinant Protein
Full Product Name	Recombinant Geobacillus stearothermophilus 30S ribosomal protein S3 (rpsC)
Product Gene Name	rpsC recombinant protein
Sequence	GQKVNPIGLR IGIIRDWESR WYAEKDYADL VHEDLKIREY INKRLQDAAV SRVEIERAAN RVNVTIHTAK PGMVIGKGGS EVEALRKALT QLTGKREHIN IVEIKKPDLD AKLVAENIAR QLENRVSFRR AQKQAIQRAM RPGRKGVKTM VVRRLGGAEI ARSEHYSEGT VPLHTLRADI DYATAEADTT YGKIGVKVWI YRGEVLPTKK KAEEGGK
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	24,589 Da
Sequence Positions	2-218, 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 P23309
Species	Geobacillus stearothermophilus (Bacillus stearothermophilus)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for rpsC recombinant protein	MBS1162444 is a recombinant protein targeting rpsC. Also known as Recombinant Geobacillus stearothermophilus 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 #	133924
NCBI Accession #	P23309.2
UniProt Primary Accession #	P23309
NCBI Official Full Name	30S ribosomal protein S3
UniProt Protein Name	30S ribosomal protein S3
UniProt Synonym Protein Names	BS2; BS3/BS4

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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