30s Ribosomal Protein S11 (rpsK) Streptococcus Pyogenes Serotype M4 Recombinant Protein

PRODUCT OVERVIEW

Product Name	30S ribosomal protein S11 (rpsK), Recombinant Protein
Full Product Name	Recombinant Streptococcus pyogenes serotype M4 30S ribosomal protein S11 (rpsK)
Product Gene Name	rpsK recombinant protein
Product Synonym Gene Name	rpsK
Sequence	MAKPTRKRRV KKNIESGVAH IHATFNNTIV MITDVHGNAL AWSSAGALGF KGSRKSTPFA AQMAAEAAAK SAQEHGLKTV EVTVKGPGSG RESAIRALAA AGLEVTAIRD VTPVPHNGAR PPKRRRV
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	13,369 Da
Sequence Positions	1-127, 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 Q1J8Y8
Species	Streptococcus pyogenes serotype M4 (strain MGAS10750)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for rpsK recombinant protein	MBS1438077 is a recombinant protein targeting rpsK. Also known as Recombinant Streptococcus pyogenes serotype M4 30S ribosomal protein S11 (rpsK). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of rpsK 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 rpsK. It may not necessarily be applicable to this product.

NCBI GI #	447041131
NCBI Accession #	WP_001118387.1
UniProt Primary Accession #	Q1J8Y8
GenBank Nucleotide #	WP_001118387.1
NCBI Official Full Name	MULTISPECIES: 30S ribosomal protein S11
UniProt Protein Name	30S ribosomal protein S11

Protein Family	30S ribosomal protein
UniProt Gene Name	rpsK
UniProt Comments for rpsK	Located on the platform of the 30S subunit, it bridges several disparate RNA helices of the 16S rRNA. Forms part of the Shine-Dalgarno cleft in the 70S ribosome.
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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