30s Ribosomal Protein S18 (rpsR) Streptococcus Pyogenes Serotype M5 Recombinant Protein

PRODUCT OVERVIEW

Product Name	30S ribosomal protein S18 (rpsR), Recombinant Protein
Full Product Name	Recombinant Streptococcus pyogenes serotype M5 30S ribosomal protein S18 (rpsR)
Product Gene Name	rpsR recombinant protein
Sequence	MAQQRRGGFK RRKKVDFIAA NKIEYVDYKD TELLSRFVSE RGKILPRRVT GTSAKNQRKV TTAIKRARVM ALMPYVNED
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	9,204 Da
Sequence Positions	1-79, 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 A2RCR6
Species	Streptococcus pyogenes serotype M5 (strain Manfredo)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for rpsR recombinant protein	MBS1226002 is a recombinant protein targeting rpsR. Also known as Recombinant Streptococcus pyogenes serotype M5 30S ribosomal protein S18 (rpsR). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of rpsR 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 rpsR. It may not necessarily be applicable to this product.

NCBI GI #	489073184
NCBI Accession #	WP_002983142.1
UniProt Primary Accession #	A2RCR6
GenBank Nucleotide #	WP_002983142.1
NCBI Official Full Name	MULTISPECIES: 30S ribosomal protein S18
UniProt Protein Name	30S ribosomal protein S18
Protein Family	30S ribosomal protein

UniProt Gene Name	rpsR
UniProt Comments for rpsR	Binds as a heterodimer with protein S6 to the central domain of the 16S rRNA, where it helps stabilize the platform of the 30S subunit.
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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