30s Ribosomal Protein S6 (rpsF) Borrelia Burgdorferi Recombinant Protein

PRODUCT OVERVIEW

Product Name	30S ribosomal protein S6 (rpsF), Recombinant Protein
Full Product Name	Recombinant Borrelia burgdorferi 30S ribosomal protein S6 (rpsF)
Product Gene Name	rpsF recombinant protein
Sequence	MIKRYEACFL FKSEEIEYKG SLEEVKKSLE FFGATDVVSN FIGERALEYP IKKQARGRYE IIEFSMEGNN LKEFESRLKL IKNLLRYMIL VKIVRKINTK KIKRRNFREF RDNVDKDSLK GASKVETPTG PESTDIQEK
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	16,395 Da
Sequence Positions	1-139, 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 B7J148
Species	Borrelia burgdorferi (strain ZS7)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for rpsF recombinant protein	MBS1152727 is a recombinant protein targeting rpsF. Also known as Recombinant Borrelia burgdorferi 30S ribosomal protein S6 (rpsF). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of rpsF 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 rpsF. It may not necessarily be applicable to this product.

NCBI GI #	501595357
NCBI Accession #	WP_012597306.1
UniProt Primary Accession #	B7J148
GenBank Nucleotide #	WP_012597306.1
NCBI Official Full Name	30S ribosomal protein S6
UniProt Protein Name	30S ribosomal protein S6
Protein Family	30S ribosomal protein

UniProt Gene Name	rpsF
UniProt Comments for rpsF	Binds together with S18 to 16S ribosomal RNA.
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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