30s Ribosomal Protein S19 (rpsS) Shewanella Denitrificans Recombinant Protein

PRODUCT OVERVIEW

Product Name	30S ribosomal protein S19 (rpsS), Recombinant Protein
Full Product Name	Recombinant Shewanella denitrificans 30S ribosomal protein S19 (rpsS)
Product Gene Name	rpsS recombinant protein
Product Synonym Gene Name	rpsS
Sequence	MPRSLKKGPF IDLHLLKKVE KAMEAGDKKP IKTWSRRSMI IPNMIGLTIA VHNGRQHVPV FVTDEMIGHK LGEFSPTRTY RGHAADKKAK KR
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	10,472 Da
Sequence Positions	1-92, 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 Q12SV5
Species	Shewanella denitrificans (strain OS217 / BAA-1090 / DSM 15013)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for rpsS recombinant protein	MBS1335430 is a recombinant protein targeting rpsS. Also known as Recombinant Shewanella denitrificans 30S ribosomal protein S19 (rpsS). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of rpsS 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 rpsS. It may not necessarily be applicable to this product.

NCBI GI #	492997713
NCBI GeneID	11770563
NCBI Accession #	WP_006083596.1
UniProt Primary Accession #	Q12SV5
GenBank Nucleotide #	WP_006083596.1
NCBI Official Full Name	MULTISPECIES: 30S ribosomal protein S19

NCBI Official Symbol	SBAL678_RS24410
UniProt Protein Name	30S ribosomal protein S19
Protein Family	30S ribosomal protein
UniProt Gene Name	rpsS
NCBI Protein Information	30S ribosomal protein S19
UniProt Comments for rpsS	Protein S19 forms a complex with S13 that binds strongly to the 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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