30s Ribosomal Protein S15 (rpsO) Shigella Dysenteriae Serotype 1 Recombinant Protein

PRODUCT OVERVIEW

Product Name	30S ribosomal protein S15 (rpsO), Recombinant Protein
Full Product Name	Recombinant Shigella dysenteriae serotype 1 30S ribosomal protein S15 (rpsO)
Product Gene Name	rpsO recombinant protein
Product Synonym Gene Name	rpsO
Sequence	MSLSTEATAK IVSEFGRDAN DTGSTEVQVA LLTAQINHLQ GHFAEHKKDH HSRRGLLRMV SQRRKLLDYL KRKDVARYTQ LIERLGLRR
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	10,269 Da
Sequence Positions	1-89, Full length
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 Q32BG8
Species	Shigella dysenteriae serotype 1 (strain Sd197)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for rpsO recombinant protein	MBS1283886 is a recombinant protein targeting rpsO. Also known as Recombinant Shigella dysenteriae serotype 1 30S ribosomal protein S15 (rpsO). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of rpsO 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 rpsO. It may not necessarily be applicable to this product.

NCBI GI #	445981611
NCBI Accession #	WP_000059466.1
UniProt Primary Accession #	Q32BG8
GenBank Nucleotide #	WP_000059466.1
NCBI Official Full Name	MULTISPECIES: 30S ribosomal protein S15
UniProt Protein Name	30S ribosomal protein S15

Protein Family	30S ribosomal protein
UniProt Gene Name	rpsO
UniProt Comments for rpsO	One of the primary rRNA binding proteins, it binds directly to 16S rRNA where it helps nucleate assembly of the platform of the 30S subunit by binding and bridging several RNA helices of the 16S rRNA.
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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