30s Ribosomal Protein S12 (rpsL) Bacillus Cereus Recombinant Protein

PRODUCT OVERVIEW

Product Name	30S ribosomal protein S12 (rpsL), Recombinant Protein
Full Product Name	Recombinant Bacillus cereus 30S ribosomal protein S12 (rpsL)
Product Gene Name	rpsL recombinant protein
Product Synonym Gene Name	rpsL
Sequence	MPTINQLVRN GRTDKVWKSK SPALNKGFNS LKKKSTDISA PQKRGVCTRV GTMTPKKPNS ALRKYARVRL TNGIEVTAYI PGIGHNLQEH SVVLIRGGRV KDLPGVRYHI VRGALDTAGV DKRMQGRSKY GTKRPKPAKK
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	15,500 Da
Sequence Positions	1-140, 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 Q81J45
Species	Bacillus cereus (strain 14579 / DSM 31)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for rpsL recombinant protein	MBS1307035 is a recombinant protein targeting rpsL. Also known as Recombinant Bacillus cereus 30S ribosomal protein S12 (rpsL). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of rpsL 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 rpsL. It may not necessarily be applicable to this product.

NCBI GI #	30018375
NCBI GeneID	1202478
NCBI Accession #	NP_830006.1
UniProt Primary Accession #	Q81J45
UniProt Related Accession #	Q81J45
GenBank Nucleotide #	NC_004722.1

NCBI Official Full Name	30S ribosomal protein S12
NCBI Official Symbol	rpsL
UniProt Protein Name	30S ribosomal protein S12
Protein Family	30S ribosomal protein
UniProt Gene Name	rpsL
NCBI Protein Information	30S ribosomal protein S12
UniProt Comments for rpsL	With S4 and S5 plays an important role in translational accuracy.
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