30s Ribosomal Protein S11 (rpsK) Escherichia Coli O8 Recombinant Protein

PRODUCT OVERVIEW

Product Name	30S ribosomal protein S11 (rpsK), Recombinant Protein
Full Product Name	Recombinant Escherichia coli O8 30S ribosomal protein S11 (rpsK)
Product Gene Name	rpsK recombinant protein
Sequence	MAKAPIRARK RVRKQVSDGV AHIHASFNNT IVTITDRQGN ALGWATAGGS GFRGSRKSTP FAAQVAAERC ADAVKEYGIK NLEVMVKGPG PGRESTIRAL NAAGFRITNI TDVTPIPHNG CRPPKKRRV
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	13,845 Da
Sequence Positions	1-129, 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 B7M103
Species	Escherichia coli O8 (strain IAI1)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for rpsK recombinant protein	MBS1262203 is a recombinant protein targeting rpsK. Also known as Recombinant Escherichia coli O8 30S ribosomal protein S11 (rpsK). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of rpsK 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 rpsK. It may not necessarily be applicable to this product.

NCBI GI #	446952428
NCBI Accession #	WP_001029684.1
UniProt Primary Accession #	B7M103
GenBank Nucleotide #	WP_001029684.1
NCBI Official Full Name	MULTISPECIES: 30S ribosomal protein S11
UniProt Protein Name	30S ribosomal protein S11
Protein Family	30S ribosomal protein

UniProt Gene Name	rpsK
UniProt Comments for rpsK	Located on the platform of the 30S subunit, it bridges several disparate RNA helices of the 16S rRNA. Forms part of the Shine-Dalgarno cleft in the 70S ribosome.
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