30s Ribosomal Protein S5 (rpsE) Rickettsia Canadensis Recombinant Protein

PRODUCT OVERVIEW

Product Name	30S ribosomal protein S5 (rpsE), Recombinant Protein
Full Product Name	Recombinant Rickettsia canadensis 30S ribosomal protein S5 (rpsE)
Product Gene Name	rpsE recombinant protein
Sequence	MSKVKKNEET LSEVLVDVNR ITKVVKGGRR FAFSACMVVG DKAGRVGAGH GKAKEVNEAR GKAKQAAKKR MMKVPLYQNR TIHHDVIGKS GAAKVILRRA KAGTGVIAGG SMRAIFHSLG VHDIVAKSIG STNVYAMISA TFDALNKLAS PKSIAMRRDK RVNEISVKSY DV
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	18,519 Da
Sequence Positions	1-172, 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 A8EZJ9
Species	Rickettsia canadensis (strain McKiel)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for rpsE recombinant protein	MBS1157955 is a recombinant protein targeting rpsE. Also known as Recombinant Rickettsia canadensis 30S ribosomal protein S5 (rpsE). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of rpsE 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 rpsE. It may not necessarily be applicable to this product.

NCBI GI #	501099085
NCBI Accession #	WP_012148977.1
UniProt Primary Accession #	A8EZJ9
GenBank Nucleotide #	WP_012148977.1
NCBI Official Full Name	30S ribosomal protein S5
UniProt Protein Name	30S ribosomal protein S5
Protein Family	30S ribosomal protein

UniProt Gene Name	rpsE
UniProt Comments for rpsE	With S4 and S12 plays an important role in translational accuracy.
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