30s Ribosomal Protein S12 (rpsL) Shewanella Oneidensis Recombinant Protein

PRODUCT OVERVIEW

Product Name	30S ribosomal protein S12 (rpsL), Recombinant Protein
Full Product Name	Recombinant Shewanella oneidensis 30S ribosomal protein S12 (rpsL)
Product Gene Name	rpsL recombinant protein
Sequence	MATVNQLVRK PRAPKVDKTN VPALNACPQK RGVCTRVYTT TPKKPNSALR KVARVRLTNG FEVTSYIGGE GHNLQEHSVI LIRGGRVKDL PGVRYHTVRG ALDCAGVTSR RQSRSKYGAK RPKS
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	13,650 Da
Sequence Positions	1-124, 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 P59166
Species	Shewanella oneidensis (strain MR-1)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for rpsL recombinant protein	MBS1253224 is a recombinant protein targeting rpsL. Also known as Recombinant Shewanella oneidensis 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 #	24371824
NCBI GeneID	1168109
NCBI Accession #	NP_715866.1
UniProt Primary Accession #	P59166
UniProt Related Accession #	P59166
GenBank Nucleotide #	NC_004347.2
NCBI Official Full Name	30S ribosomal protein S12p RpsL

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 S12p RpsL
UniProt Comments for rpsL	With S4 and S5 plays an important role in translational accuracy.
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