30s Ribosomal Protein S5P (rps5p) Methanococcus Maripaludis Recombinant Protein

PRODUCT OVERVIEW

Product Name	30S ribosomal protein S5P (rps5p), Recombinant Protein
Full Product Name	Recombinant Methanococcus maripaludis 30S ribosomal protein S5P (rps5p)
Product Gene Name	rps5p recombinant protein
Product Synonym Gene Name	rps5p
Sequence	MAEKRAEKRK FNTEAWEPKT QIGRMVKEGT ISDISYIMDK GLPLLEPEIV DALLPDLEEQ VLDVKLVQRM HKSGRRARYR ATVVVGNKNG YVGVGMGKSK EVGPAIRKAI AHAKLSLIKV RVGCGSWECG CGSPHSIPFT AKGACGSVKV ELLPAPRGVG LVAGNVAKAV LGLAGVKDAW TKTFGDTRTT YNFAEATFDA LNNLNFVRCL PNQKEKLGLT EGRVL
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	24,376 Da
Sequence Positions	1-225, 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 Q6LXD3
Species	Methanococcus maripaludis (strain S2 / LL)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for rps5p recombinant protein	MBS1329483 is a recombinant protein targeting rps5p. Also known as Recombinant Methanococcus maripaludis 30S ribosomal protein S5P (rps5p). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of rps5p 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 rps5p. It may not necessarily be applicable to this product.

NCBI GI #	499484723
NCBI GeneID	2762132
NCBI Accession #	WP_011171363.1
UniProt Primary Accession #	Q6LXD3
UniProt Related Accession #	Q6LXD3

GenBank Nucleotide #	WP_011171363.1
NCBI Official Full Name	30S ribosomal protein S5
NCBI Official Symbol	MMP_RS07300
UniProt Protein Name	30S ribosomal protein S5
UniProt Gene Name	rps5
NCBI Protein Information	30S ribosomal protein S5
UniProt Comments for rps5p	With S4 and S12 plays an important role in translational accuracy.
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