30s Ribosomal Protein S8, Plastid (rps8) Recombinant Protein

PRODUCT OVERVIEW

Product Name	30S ribosomal protein S8, plastid (rps8), Recombinant Protein
Full Product Name	Recombinant Helicosporidium sp. subsp. Simulium jonesii 30S ribosomal protein S8, plastid (rps8)
Product Gene Name	rps8 recombinant protein
Product Synonym Gene Name	rps8
Sequence	MPRDLFSDAL TRLRNALRVN KQTVIIPFSN LNYSFSNILL EEHLLEKKTI LSKKYIKLEG LKFYNKKSDH TLFNFFKNCQ RLSKPSNRLY IKAGDIPLID NGLGFVILST SYGLMTGKKA RALNIGGELL CQFNFQ
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	15,635 Da
Sequence Positions	1-136, 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 Q2EEW4
Species	Helicosporidium sp. subsp. Simulium jonesii (Green alga)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for rps8 recombinant protein	MBS1305016 is a recombinant protein targeting rps8. Also known as Recombinant Helicosporidium sp. subsp. Simulium jonesii 30S ribosomal protein S8, plastid (rps8). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of rps8 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 rps8. It may not necessarily be applicable to this product.

NCBI GI #	108773411
NCBI GeneID	4100424
NCBI Accession #	YP_635930.1
UniProt Primary Accession #	Q2EEW4
UniProt Related Accession #	Q2EEW4
GenBank Nucleotide #	NC_008100.1

NCBI Official Full Name	ribosomal protein S8
NCBI Official Symbol	rps8
UniProt Protein Name	30S ribosomal protein S8, plastid
Protein Family	30S ribosomal protein
UniProt Gene Name	rps8
NCBI Protein Information	30S ribosomal protein S8
UniProt Comments for rps8	One of the primary rRNA binding proteins, it binds directly to 16S rRNA central domain where it helps coordinate assembly of the platform of the 30S subunit.
Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.
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