40s Ribosomal Protein S6 (RPS6) Leishmania Major Recombinant Protein

PRODUCT OVERVIEW

Product Name	40S ribosomal protein S6 (RPS6), Recombinant Protein
Full Product Name	Recombinant Leishmania major 40S ribosomal protein S6 (RPS6)
Product Gene Name	RPS6 recombinant protein
Product Synonym Gene Name	RPS6
Sequence	MKLNIAYPRN GTVKQFEISD EVLRRVQLQD YRLGNEVDGA IFGSEFKGYI FRLRGGSDKD GFPMVPGVLA SSRVSLLVKR GAIGFNTFRG YQGERRRKNV RGCVLASDIA LVNVTISKVG DQPIEGVTDT TAPRRLGPKR ASKIRKLFNL SRTEDVRKYV VRRRVVKSGK KDRLKAPKIQ RLITPRVKAR RAKKAKDAIA KVRASAAERR EYLRLIASNR RALRQRDHSK KHTRKVHAQR AEVAAFQKK
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	28,304 Da
Sequence Positions	1-249, 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 Q9NE83
Species	Leishmania major
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for RPS6 recombinant protein	MBS1387044 is a recombinant protein targeting RPS6. Also known as Recombinant Leishmania major 40S ribosomal protein S6 (RPS6). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of RPS6 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 RPS6. It may not necessarily be applicable to this product.

NCBI GI #	157869182
NCBI GeneID	5651750
NCBI Accession #	XP_001683143.1
UniProt Primary Accession #	Q9NE83
UniProt Secondary Accession #	Q4FWR9; Q4QC05

GenBank Nucleotide #	XM_001683091.1
NCBI Official Full Name	putative 40S ribosomal protein S6
NCBI Official Symbol	RPS6
UniProt Protein Name	40S ribosomal protein S6
Protein Family	30S ribosomal protein
UniProt Gene Name	RPS6
NCBI Protein Information	putative 40S ribosomal protein S6
UniProt Comments for RPS6	May play an important role in controlling cell growth and proliferation through the selective translation of particular classes of mRNA.
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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