40s Ribosomal Protein S0 (RPS0) Nosema Ceranae Recombinant Protein

PRODUCT OVERVIEW

Product Name	40S ribosomal protein S0 (RPS0), Recombinant Protein
Full Product Name	Recombinant Nosema ceranae 40S ribosomal protein S0 (RPS0)
Product Gene Name	RPS0 recombinant protein
Sequence	MAKVNIPIPN DFVKLILISQ GHLGGIKTSK LMERYVFGTR KLENIKVIDI EKTWEKFILA ARMFCSLKHP SDAVVVSTKT FGRKGVLKFC ESTCATPVIG RFIPGTFCNN QVKRPLEPRV LIVSDPFADK QAVIEGSHVN LQTIAFCNTD NDVSFVDIVI PMNNRSPVSI SAGLFILSRL IRFMKTGEPL DENMKEVELF IYRDPIELEK LVEEQKIIEN ANITIGEQEL YEQEEFGNKA GWGIEPSLVS TEAVSEFSDN WKN
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	29,656 Da
Sequence Positions	1-263, 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 C4V7V1
Species	Nosema ceranae (strain BRL01) (Microsporidian parasite)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for RPS0 recombinant protein	MBS1253579 is a recombinant protein targeting RPS0. Also known as Recombinant Nosema ceranae 40S ribosomal protein S0 (RPS0). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of RPS0 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 RPS0. It may not necessarily be applicable to this product.

NCBI GI #	300708388
NCBI GeneID	9422760
NCBI Accession #	XP_002996374.1
UniProt Primary Accession #	C4V7V1
GenBank Nucleotide #	XM_002996328.1
UniProt Protein Name	40S ribosomal protein S0

Protein Family	40S ribosomal protein
UniProt Gene Name	RPS0
UniProt Comments for RPS0	Required for the assembly and/or stability of the 40S ribosomal subunit. Required for the processing of the 20S rRNA-precursor to mature 18S rRNA in a late step of the maturation of 40S ribosomal subunits.
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