Putative Ribosome Biogenesis Gtpase Rsga (rsgA) Gramella Forsetii Recombinant Protein

PRODUCT OVERVIEW

Product Name	Putative ribosome biogenesis GTPase RsgA (rsgA), Recombinant Protein
Full Product Name	Recombinant Gramella forsetii Putative ribosome biogenesis GTPase RsgA (rsgA)
Product Gene Name	rsgA recombinant protein
Sequence	MQGTVYKSTG SWYQVKAEDG KFYECRIKGK FRIQGIKSTN PVAVGDEVSF DLEEGVEEKT GVIKKIKERE NYIIRKSVNL SKQTHIIASN IDQVFLLITL NNPPTLTTFI DRFLVTAEAY DITAVLLFNK VDTYSIEELA EVKYLAELYR SAGYECIGIS AKNGKNVDKV KDKMIGNTSM ISGHSGTGKS TLINAIEPAL DLKTSEISRQ HSQGQHTTTF AEMFDLSFNA RIIDTPGIKG FGVVDMDREE IGDYFPEFFE RKQDCKFHNC LHIEEPKCAI KDSLEEGEIA WSRYKSYLQI MEGEEDNYRV DQYQK
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	35,806 Da
Sequence Positions	1-315, 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 A0LY86
Species	Gramella forsetii (strain KT0803)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for rsgA recombinant protein	MBS1208311 is a recombinant protein targeting rsgA. Also known as Recombinant Gramella forsetii Putative ribosome biogenesis GTPase RsgA (rsgA). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of rsgA 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 rsgA. It may not necessarily be applicable to this product.

NCBI GI #	500027551
NCBI Accession #	WP_011708269.1
UniProt Primary Accession #	A0LY86
GenBank Nucleotide #	WP_011708269.1
NCBI Official Full Name	GTPase RsgA
UniProt Protein Name	Small ribosomal subunit biogenesis GTPase RsgA

Protein Family	Putative ribosome biogenesis GTPase
UniProt Gene Name	rsgA
UniProt Comments for rsgA	One of several proteins that assist in the late maturation steps of the functional core of the 30S ribosomal subunit. Helps release RbfA from mature subunits. May play a role in the assembly of ribosomal proteins into the subunit. Circularly permuted GTPase that catalyzes slow GTP hydrolysis, GTPase activity is stimulated by the 30S ribosomal subunit.
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