Probable Rrna Maturation Factor (BG0059) Borrelia Garinii Recombinant Protein

PRODUCT OVERVIEW

Product Name	Probable rRNA maturation factor (BG0059), Recombinant Protein
Full Product Name	Recombinant Borrelia garinii Probable rRNA maturation factor (BG0059)
Product Gene Name	BG0059 recombinant protein
Product Synonym Gene Name	BG0059
Sequence	MSKSDLNLLV ENIKFEHLSV FHDFILSVLN TLSISDFELS VILCDNVYIQ KLNNKFRNKN EPTDVLSFNY NELNEGLVGG INYKIQGDLI ISFEYLKFSA QEFNVEIYEE LQRVTIHGIL HLMGHNHETN DFQKEGMLIL QENVLRKNKR VF
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	17,781 Da
Sequence Positions	1-152, 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 Q662V4
Species	Borrelia garinii
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for BG0059 recombinant protein	MBS1307214 is a recombinant protein targeting BG0059. Also known as Recombinant Borrelia garinii Probable rRNA maturation factor (BG0059). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of BG0059 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 BG0059. It may not necessarily be applicable to this product.

NCBI GI #	499506772
NCBI Accession #	WP_011193412.1
UniProt Primary Accession #	Q662V4
GenBank Nucleotide #	WP_011193412.1
NCBI Official Full Name	endoribonuclease YbeY
UniProt Protein Name	Endoribonuclease YbeY

UniProt Gene Name	ybeY
UniProt Comments for BG0059	Single strand-specific metallo-endoribonuclease involved in late-stage 70S ribosome quality control and in maturation of the 3' terminus of the 16S rRNA.
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