Trna-Splicing Ligase Rtcb Homolog (AGAP008147) Anopheles Gambiae Recombinant Protein

PRODUCT OVERVIEW

Product Name	tRNA-splicing ligase RtcB homolog (AGAP008147), Recombinant Protein
Full Product Name	Recombinant Anopheles gambiae tRNA-splicing ligase RtcB homolog (AGAP008147), partial
Product Gene Name	AGAP008147 recombinant protein
Product Synonym Gene Name	AGAP008147
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	55,869 Da
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 Q7Q412
Species	Anopheles gambiae (African malaria mosquito)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for AGAP008147 recombinant protein	MBS1331478 is a recombinant protein targeting AGAP008147. Also known as Recombinant Anopheles gambiae tRNA-splicing ligase RtcB homolog (AGAP008147), partial. Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of AGAP008147 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 AGAP008147. It may not necessarily be applicable to this product.

NCBI GI #	58389845
NCBI GeneID	1277815
NCBI Accession #	XP_317316.2
UniProt Primary Accession #	Q7Q412
GenBank Nucleotide #	XM_317316.2
NCBI Official Full Name	AGAP008147-PA
NCBI Official Symbol	AgaP_AGAP008147
UniProt Protein Name	tRNA-splicing ligase RtcB homolog

UniProt Gene Name	AGAP008147
NCBI Protein Information	AGAP008147-PA
UniProt Comments for AGAP008147	Catalytic subunit of the tRNA-splicing ligase complex that acts by directly joining spliced tRNA halves to mature-sized tRNAs by incorporating the precursor-derived splice junction phosphate into the mature tRNA as a canonical 3',5'-phosphodiester. May act as an RNA ligase with broad substrate specificity, and may function toward other RNAs.
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