Trna-Splicing Ligase Rtcb Homolog (QtsA-16939) Macaca Fascicularis Recombinant Protein

PRODUCT OVERVIEW

Product Name	tRNA-splicing ligase RtcB homolog (QtsA-16939), Recombinant Protein
Full Product Name	Recombinant Macaca fascicularis tRNA-splicing ligase RtcB homolog (QtsA-16939), partial
Product Gene Name	QtsA-16939 recombinant protein
Product Synonym Gene Name	QtsA-16939
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	55,200 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 Q4R6X4
Species	Macaca fascicularis (Crab-eating macaque) (Cynomolgus monkey)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for QtsA-16939 recombinant protein	MBS1478682 is a recombinant protein targeting QtsA-16939. Also known as Recombinant Macaca fascicularis tRNA-splicing ligase RtcB homolog (QtsA-16939), partial. Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of QtsA-16939 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 QtsA-16939. It may not necessarily be applicable to this product.

NCBI GI #	564730661
NCBI GeneID	102144880
NCBI Accession #	NP_001274263.1
UniProt Primary Accession #	Q4R6X4
UniProt Related Accession #	Q4R6X4
GenBank Nucleotide #	NM_001287334.1
NCBI Official Full Name	tRNA-splicing ligase RtcB homolog
NCBI Official Symbol	RTCB

UniProt Protein Name	tRNA-splicing ligase RtcB homolog
UniProt Gene Name	RTCB
NCBI Protein Information	tRNA-splicing ligase RtcB homolog
UniProt Comments for QtsA-16939	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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