Uncharacterized RNA Pseudouridine Synthase RT0532 (RT0532) Rickettsia Typhi Recombinant Protein

PRODUCT OVERVIEW

Product Name	Uncharacterized RNA pseudouridine synthase RT0532 (RT0532), Recombinant Protein
Full Product Name	Recombinant Rickettsia typhi Uncharacterized RNA pseudouridine synthase RT0532 (RT0532)
Product Gene Name	RT0532 recombinant protein
Product Synonym Gene Name	RT0532
Sequence	MYRLAKIISN AGVCSRRNAE KLIVGGKVKI DGITILSPAT NVDISNQIEV SGRLINNIQK PRLWIYYKPI GLITTHKDPL SRKTVFEQLI GLPRVISIGR LDLNSEGLLL LTNSGDLAHQ FEMPSSKLKR VYNVRAYGNA NFLLKNNYNN LKIDGIFYNP YSIKLLRQNK NNSWFEVVLF EGKNREIRRI FEYFGLKVNK LIRVQYGALK IGNLKPGDYK EISNKILKKI ISNKLTNYID NR
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	27,756 Da
Sequence Positions	1-242, 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 Q68WJ1
Species	Rickettsia typhi (strain VR-144 / Wilmington)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for RT0532 recombinant protein	MBS1481438 is a recombinant protein targeting RT0532. Also known as Recombinant Rickettsia typhi Uncharacterized RNA pseudouridine synthase RT0532 (RT0532). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of RT0532 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 RT0532. It may not necessarily be applicable to this product.

NCBI GI #	499504342
NCBI Accession #	WP_011190982.1
UniProt Primary Accession #	Q68WJ1
GenBank Nucleotide #	WP_011190982.1

NCBI Official Full Name	RNA pseudouridine synthase
UniProt Protein Name	Uncharacterized RNA pseudouridine synthase RT0532
UniProt Synonym Protein Names	RNA pseudouridylate synthase; RNA-uridine isomerase
UniProt Gene Name	RT0532
Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.
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