Ribosomal Large Subunit Pseudouridine Synthase B (rluB) Xanthomonas Axonopodis Pv. Citri Recombinant Protein

PRODUCT OVERVIEW

Product Name	Ribosomal large subunit pseudouridine synthase B (rluB), Recombinant Protein
Full Product Name	Recombinant Xanthomonas axonopodis pv. citri Ribosomal large subunit pseudouridine synthase B (rluB), partial
Product Gene Name	rluB recombinant protein
Product Synonym Gene Name	rluB
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	57,729 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 Q8PK58
Species	Xanthomonas axonopodis pv. citri (strain 306)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for rluB recombinant protein	MBS1355875 is a recombinant protein targeting rluB. Also known as Recombinant Xanthomonas axonopodis pv. citri Ribosomal large subunit pseudouridine synthase B (rluB), partial. Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of rluB 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 rluB. It may not necessarily be applicable to this product.

NCBI GI #	492685177
NCBI Accession #	WP_005922523.1
UniProt Primary Accession #	Q8PK58
GenBank Nucleotide #	WP_005922523.1
NCBI Official Full Name	MULTISPECIES: ribosomal large subunit pseudouridine synthase B
UniProt Protein Name	Ribosomal large subunit pseudouridine synthase B
UniProt Synonym Protein Names	23S rRNA pseudouridine(2605) synthase; rRNA pseudouridylate synthase B; rRNA-uridine isomerase B
Protein Family	Ribosomal large subunit pseudouridine synthase

UniProt Gene Name	rluB
UniProt Comments for rluB	Responsible for synthesis of pseudouridine from uracil-2605 in 23S ribosomal RNA.
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