Ribosomal Large Subunit Pseudouridine Synthase C (rluC) Pseudomonas Aeruginosa Recombinant Protein

PRODUCT OVERVIEW

Product Name	Ribosomal large subunit pseudouridine synthase C (rluC), Recombinant Protein
Full Product Name	Recombinant Pseudomonas aeruginosa Ribosomal large subunit pseudouridine synthase C (rluC)
Product Gene Name	rluC recombinant protein
Product Synonym Gene Name	rluC
Sequence	MTTPASPTTG VQLLDVPPEL AGQRIDNFLI ARLKGAPKTL IYRILRKGEV RVNKGRIKPD YRLQAGDQVR VPPLRLAERD EPAPLAQGLL ERMEAAIVYE DKALIVVNKP AGIAVHGGSG VSAGVIEVFR QLRPDAKDIE LVHRLDRDTS GLLMIAKKRS MLRHLHEALR GEKIVDKRYH ALVRGHWPAG KKNVRAPLLK NNLRSGERMV EVNVEGKDAL TEFRVLRRFG DFATLVEARP ITGRTHQIRV HAKHAGHAIA GDPKYGDEDF SREIRELGGK RLFLHAAQLR VPLPDGQVLE LEAPVDEMWQ RSLERLND
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	35,641 Da
Sequence Positions	1-318, 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 Q9HZM9
Species	Pseudomonas aeruginosa (strain 15692 / PAO1 / 1C / PRS 101 / LMG 12228)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for rluC recombinant protein	MBS1357510 is a recombinant protein targeting rluC. Also known as Recombinant Pseudomonas aeruginosa Ribosomal large subunit pseudouridine synthase C (rluC). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of rluC 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 rluC. It may not necessarily be applicable to this product.

NCBI GI #	15598171
NCBI GeneID	880474
NCBI Accession #	NP_251665.1
UniProt Primary Accession #	Q9HZM9

UniProt Related Accession #	Q9HZM9
GenBank Nucleotide #	NC_002516.2
NCBI Official Full Name	ribosomal large subunit pseudouridine synthase C
NCBI Official Symbol	rluC
UniProt Protein Name	Ribosomal large subunit pseudouridine synthase C
UniProt Synonym Protein Names	23S rRNA pseudouridine(955/2504/2580) synthase; rRNA pseudouridylate synthase C; rRNA-uridine isomerase C
Protein Family	Ribosomal large subunit pseudouridine synthase
UniProt Gene Name	rluC
NCBI Protein Information	ribosomal large subunit pseudouridine synthase C
UniProt Comments for rluC	Responsible for synthesis of pseudouridine from uracil at positions 955, 2504 and 2580 in 23S ribosomal RNA.
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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