Mini-Ribonuclease 3 (mrnC) Listeria Monocytogenes Serovar 1/2a Recombinant Protein

PRODUCT OVERVIEW

Product Name	Mini-ribonuclease 3 (mrnC), Recombinant Protein
Full Product Name	Recombinant Listeria monocytogenes serovar 1/2a Mini-ribonuclease 3 (mrnC)
Product Gene Name	mrnC recombinant protein
Product Synonym Gene Name	mrnC
Sequence	MAEVKEYKQL NGLALAYMGD AVYEKFIREY LLAAGKTKPN QLHKTATKFV SAKGQAVALK AMIAEGFLTE EEDRIAKRGR NAKSYTVPKN TDPGTYSMST SFEAVLGYLY LAGEMERLQE WMEKALEIVE KGVETN
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	15,224 Da
Sequence Positions	1-136, 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 Q8YAB0
Species	Listeria monocytogenes serovar 1/2a (strain BAA-679 / EGD-e)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for mrnC recombinant protein	MBS1353593 is a recombinant protein targeting mrnC. Also known as Recombinant Listeria monocytogenes serovar 1/2a Mini-ribonuclease 3 (mrnC). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of mrnC 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 mrnC. It may not necessarily be applicable to this product.

NCBI GI #	16802286
NCBI GeneID	987262
NCBI Accession #	NP_463771.1
UniProt Primary Accession #	Q8YAB0
UniProt Related Accession #	Q8YAB0
GenBank Nucleotide #	NC_003210.1

NCBI Official Full Name	hypothetical protein lmo0240
NCBI Official Symbol	lmo0240
UniProt Protein Name	Mini-ribonuclease 3
UniProt Synonym Protein Names	Mini-RNase III
Protein Family	Mini-ribonuclease
UniProt Gene Name	mrnC
UniProt Synonym Gene Names	Mini-3; Mini-RNase 3; Mini-III
NCBI Protein Information	hypothetical protein
UniProt Comments for mrnC	Involved in correct processing of both the 5' and 3' ends of 23S rRNA precursor. Processes 30S rRNA precursor transcript even in absence of ribonuclease 3 (Rnc); Rnc processes 30S rRNA into smaller rRNA precursors.
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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