Trna Uridine 5-Carboxymethylaminomethyl Modification Enzyme Mnmg (mnmG) Helicobacter Pylori Recombinant Protein

PRODUCT OVERVIEW

Product Name	tRNA uridine 5-carboxymethylaminomethyl modification enzyme MnmG (mnmG), Recombinant Protein
Full Product Name	Recombinant Helicobacter pylori tRNA uridine 5-carboxymethylaminomethyl modification enzyme MnmG (mnmG), partial
Product Gene Name	mnmG recombinant protein
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	69,598 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 B6JKE5
Species	Helicobacter pylori (strain P12)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for mnmG recombinant protein	MBS1200712 is a recombinant protein targeting mnmG. Also known as Recombinant Helicobacter pylori tRNA uridine 5-carboxymethylaminomethyl modification enzyme MnmG (mnmG), partial. Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of mnmG 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 mnmG. It may not necessarily be applicable to this product.

NCBI GI #	446160188
NCBI Accession #	WP_000238043.1
UniProt Primary Accession #	B6JKE5
GenBank Nucleotide #	WP_000238043.1
NCBI Official Full Name	tRNA uridine-5-carboxymethylaminomethyl(34) synthesis enzyme MnmG
UniProt Protein Name	tRNA uridine 5-carboxymethylaminomethyl modification enzyme MnmG
UniProt Synonym Protein Names	Glucose-inhibited division protein A
Protein Family	tRNA uridine 5-carboxymethylaminomethyl modification enzyme

UniProt Gene Name	mnmG
UniProt Comments for mnmG	NAD-binding protein involved in the addition of a carboxymethylaminomethyl (cmnm) group at the wobble position (U34) of certain tRNAs, forming tRNA-cmnm5s2U34.
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