Trna Uridine 5-Carboxymethylaminomethyl Modification Enzyme Mnmg 2 (mnmG2) Fusobacterium Nucleatum Subsp.nucleatum Recombinant Protein

PRODUCT OVERVIEW

Product Name	tRNA uridine 5-carboxymethylaminomethyl modification enzyme MnmG 2 (mnmG2), Recombinant Protein
Full Product Name	Recombinant Fusobacterium nucleatum subsp.nucleatum tRNA uridine 5-carboxymethylaminomethyl modification enzyme MnmG 2 (mnmG2), partial
Product Gene Name	mnmG2 recombinant protein
Product Synonym Gene Name	mnmG2
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	71,318 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 Q8RI88
Species	Fusobacterium nucleatum subsp. nucleatum (strain 25586 / CIP 101130 / JCM 8532 / LMG 13131)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for mnmG2 recombinant protein	MBS1351324 is a recombinant protein targeting mnmG2. Also known as Recombinant Fusobacterium nucleatum subsp.nucleatum tRNA uridine 5-carboxymethylaminomethyl modification enzyme MnmG 2 (mnmG2), partial. Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of mnmG2 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 mnmG2. It may not necessarily be applicable to this product.

NCBI GI #	19705044
NCBI GeneID	991739
NCBI Accession #	NP_602539.1
UniProt Primary Accession #	Q8RI88
UniProt Related Accession #	Q8RI88
GenBank Nucleotide #	NC_003454.1
NCBI Official Full Name	tRNA uridine 5-carboxymethylaminomethyl modification protein GidA

NCBI Official Symbol	FN1723
NCBI Official Synonym Symbols	gidA
UniProt Protein Name	tRNA uridine 5-carboxymethylaminomethyl modification enzyme MnmG 2
UniProt Synonym Protein Names	Glucose-inhibited division protein A 2
Protein Family	tRNA uridine 5-carboxymethylaminomethyl modification enzyme
UniProt Gene Name	mnmG2
NCBI Protein Information	tRNA uridine 5-carboxymethylaminomethyl modification protein GidA
UniProt Comments for mnmG2	NAD-binding protein involved in the addition of a carboxymethylaminomethyl (cmnm) group at the wobble position (U34) of certain tRNAs, forming tRNA-cmnm5s2U34.
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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