Putative Trna (Met) Cytidine Acetyltransferase (YG5714_1830) Sulfolobus Islandicus Recombinant Protein

PRODUCT OVERVIEW

Product Name	Putative tRNA (Met) cytidine acetyltransferase (YG5714_1830), Recombinant Protein
Full Product Name	Recombinant Sulfolobus islandicus Putative tRNA (Met) cytidine acetyltransferase, partial
Product Gene Name	YG5714_1830 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	84,840 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 C3N792
Species	Sulfolobus islandicus (strain Y.G.57.14 / Yellowstone #1)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for YG5714_1830 recombinant protein	MBS1093018 is a recombinant protein targeting YG5714_1830. Also known as Recombinant Sulfolobus islandicus Putative tRNA (Met) cytidine acetyltransferase, partial. Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of YG5714_1830 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 YG5714_1830. It may not necessarily be applicable to this product.

NCBI GI #	317412141
NCBI Accession #	C3N792.1
UniProt Primary Accession #	C3N792
NCBI Official Full Name	tRNA(Met) cytidine acetyltransferase TmcA
UniProt Protein Name	tRNA(Met) cytidine acetyltransferase TmcA
UniProt Gene Name	tmcA
UniProt Comments for YG5714_1830	Catalyzes the formation of N4-acetylcytidine (ac4C) at the wobble position of tRNA(Met), by using acetyl-CoA as an acetyl donor and ATP (or GTP).

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