Methylmalonyl-Coa Mutase Small Subunit (mutA) Porphyromonas Gingivalis Recombinant Protein

PRODUCT OVERVIEW

Product Name	Methylmalonyl-CoA mutase small subunit (mutA), Recombinant Protein
Full Product Name	Recombinant Porphyromonas gingivalis Methylmalonyl-CoA mutase small subunit (mutA), partial
Product Gene Name	mutA recombinant protein
Product Synonym Gene Name	mutA
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	68,739 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 Q59676
Species	Porphyromonas gingivalis (strain BAA-308 / W83)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for mutA recombinant protein	MBS1387192 is a recombinant protein targeting mutA. Also known as Recombinant Porphyromonas gingivalis Methylmalonyl-CoA mutase small subunit (mutA), partial. Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of mutA 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 mutA. It may not necessarily be applicable to this product.

NCBI GI #	492530564
NCBI Accession #	WP_005875479.1
UniProt Primary Accession #	Q59676
GenBank Nucleotide #	WP_005875479.1
NCBI Official Full Name	methylmalonyl-CoA mutase small subunit
UniProt Protein Name	Methylmalonyl-CoA mutase small subunit
UniProt Synonym Protein Names	MCM-beta
Protein Family	Lantibiotic mutacin

UniProt Gene Name	mutA
UniProt Synonym Gene Names	mcmA
UniProt Comments for mutA	Catalyzes the isomerization of succinyl-CoA to methylmalonyl-CoA during synthesis of propionate from tricarboxylic acid-cycle intermediates.
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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