Dimethylamine Methyltransferase Mtbb3 (mtbB3) Methanosarcina Barkeri Recombinant Protein

PRODUCT OVERVIEW

Product Name	Dimethylamine methyltransferase mtbB3 (mtbB3), Recombinant Protein
Full Product Name	Recombinant Methanosarcina barkeri Dimethylamine methyltransferase mtbB3 (mtbB3)
Product Gene Name	mtbB3 recombinant protein
Product Synonym Gene Name	mtbB3
Sequence	KLAEILMMPG KTVSVEQGME IPVTHDIGTI RLDGDQGNSG VGIPSSRLVG CMTHERAFGA DTMELGHIDY SFKPVKPVVS NECQAMEVCQ QNMVIPLFYG AMPNMGLYYT PDGPFENPGD LMKLFKIDKA KESMEHAAEH LTRDTVWVMQ KLFASGADGV NFDTTGAAGD GDMYGTLYAI QALRKEFSDM YIEAGMAGEM VLGMHGELEY NGVRLAGLWP HEQAPLVAKA GANVFGPVCN TNTSKTSAWN LARAVTFIKA AVGASPIPCH VNMGMGVGGI PMLETPPIDA VTRASKAMVE IAGVDGIOIG VGDPMGMPIS HIMASGMTGI RAAGDLVARM EFSKNMRIGE AKEYVAKKLG VDKMDLVDEH VMRELREELD IGIITSVPGA AKGIAAKMNI EKLLGIKINS CNLFRKQIA
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	45,051 Da
Sequence Positions	1-419, 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 Q9P9M9
Species	Methanosarcina barkeri
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for mtbB3 recombinant protein	MBS1399610 is a recombinant protein targeting mtbB3. Also known as Recombinant Methanosarcina barkeri Dimethylamine methyltransferase mtbB3 (mtbB3). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of mtbB3 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 mtbB3. It may not necessarily be applicable to this product.

NCBI GI #	215276693
NCBI Accession #	Q9P9M9.3
UniProt Primary Accession #	Q9P9M9

NCBI Official Full Name	Dimethylamine methyltransferase MtbB3
UniProt Protein Name	Dimethylamine methyltransferase MtbB3
UniProt Synonym Protein Names	Dimethylamine--corrinoid protein methyltransferase 3
Protein Family	Dimethylamine methyltransferase
UniProt Gene Name	mtbB3
UniProt Synonym Gene Names	DMA methyltransferase 3; DMAMT 3
UniProt Comments for mtbB3	Catalyzes the transfer of a methyl group from dimethylamine to the corrinoid cofactor of MtbC.
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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