Trimethylamine Methyltransferase Mttb2 (mttB2) Methanosarcina Acetivorans Recombinant Protein

PRODUCT OVERVIEW

Product Name	Trimethylamine methyltransferase mttB2 (mttB2), Recombinant Protein
Full Product Name	Recombinant Methanosarcina acetivorans Trimethylamine methyltransferase mttB2 (mttB2)
Product Gene Name	mttB2 recombinant protein
Product Synonym Gene Name	mttB2
Sequence	MAQNNAVAGF SSLQGVELNL FTIDELKAIH YATMEVLMNP GVQVSDPEAR QIFKENGCEV DEKTNVVKIP EYLVRRALQL APSRFVLWGR DKKYNTVQEA GGKVHWTCFG TGVKMCKYQS GKYVTVDSVE QDIADIAKLC DWTENIDYFS LPVSARDWAG KGAQDVHETL TPIANTAKHY HHIDPVGENV EYYRDIVKAY YGGDEEEARK KPIFSMLLCP TSPLELSVNA CQVIIKGARF GMPVNVLSMA MSGGSSPVYL AGTLVTHNAE VLSGIVLAQL TVPGAKVWYG SSTTTFDLKK GTAPVGSPEL GLISAAVAKL AQFYGLPSYV AGTOADAKIP DNQTGHEKTM TCFLPALAGA NTIYGAGMLE LGMTFSMEQL VIDNDIIKMV KKAMQGIEVS PETLAVDSIQ KVGIGNNFLA LKQTRLLVNY PSDPMLIDRR MYGDWAASGS KDLAAVANEK VTDVLKHHEV PPIDTDILKD MQAIVDRADK AFKES
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	54,078 Da
Sequence Positions	1-495, 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 Q8TS73
Species	Methanosarcina acetivorans (strain 35395 / DSM 2834 / JCM 12185 / C2A)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for mttB2 recombinant protein	MBS1342808 is a recombinant protein targeting mttB2. Also known as Recombinant Methanosarcina acetivorans Trimethylamine methyltransferase mttB2 (mttB2). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of mttB2 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 mttB2. It may not necessarily be applicable to this product.

NCBI GI #	190359344
NCBI Accession #	Q8TS73.3

UniProt Primary Accession #	Q8TS73
NCBI Official Full Name	Trimethylamine methyltransferase MttB2
UniProt Protein Name	Trimethylamine methyltransferase MttB2
UniProt Synonym Protein Names	Trimethylamine--corrinoid protein methyltransferase 2
Protein Family	Trimethylamine methyltransferase
UniProt Gene Name	mttB2
UniProt Synonym Gene Names	TMA methyltransferase 2
UniProt Comments for mttB2	Catalyzes the transfer of a methyl group from trimethylamine to the corrinoid cofactor of MttC.
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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