Dimethylamine Corrinoid Protein 2 (mtbC2) Methanosarcina Acetivorans Recombinant Protein

PRODUCT OVERVIEW

Product Name	Dimethylamine corrinoid protein 2 (mtbC2), Recombinant Protein
Full Product Name	Recombinant Methanosarcina acetivorans Dimethylamine corrinoid protein 2 (mtbC2)
Product Gene Name	mtbC2 recombinant protein
Product Synonym Gene Name	mtbC2
Sequence	MASKEELLQE LSDAIVSCKK DRVIAAVEKA KEVMEPAEII EKGLAAGMNQ VGTLFERGKL FLPHVMMAAD SMTAGVNILE AEMPAGTETK KLGVIVNGTV EGDVHDIGKS IVSTMLQSAG FEVHDIGRDV PIKNFVEKAK EVNADMIGLS ALMTTTMQGQ RDVIELLKEE GMRERVKVMV GGAPATQAWA DKIGADCYAE NASEAVAKAK ELLLGK
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	23,101 Da
Sequence Positions	1-216, 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 Q8TS71
Species	Methanosarcina acetivorans (strain 35395 / DSM 2834 / JCM 12185 / C2A)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for mtbC2 recombinant protein	MBS1372974 is a recombinant protein targeting mtbC2. Also known as Recombinant Methanosarcina acetivorans Dimethylamine corrinoid protein 2 (mtbC2). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of mtbC2 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 mtbC2. It may not necessarily be applicable to this product.

NCBI GI #	851002817
NCBI Accession #	WP_048065003.1
UniProt Primary Accession #	Q8TS71
GenBank Nucleotide #	WP_048065003.1

NCBI Official Full Name	dimethylamine corrinoid protein 3
UniProt Protein Name	Dimethylamine corrinoid protein 2
Protein Family	Dimethylamine corrinoid protein
UniProt Gene Name	mtbC2
UniProt Comments for mtbC2	Acts as a methyl group carrier between MtbB and MtbA.
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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