Methionine Synthase (metH) Mycobacterium Leprae Recombinant Protein

PRODUCT OVERVIEW

Product Name	Methionine synthase (metH), Recombinant Protein
Full Product Name	Recombinant Mycobacterium leprae Methionine synthase (metH), partial
Product Gene Name	metH recombinant protein
Product Synonym Gene Name	metH
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	132,392 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 Q49775
Species	Mycobacterium leprae
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for metH recombinant protein	MBS1484977 is a recombinant protein targeting metH. Also known as Recombinant Mycobacterium leprae Methionine synthase (metH), partial. Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of metH 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 metH. It may not necessarily be applicable to this product.

NCBI GI #	15827677
NCBI GeneID	910429
NCBI Accession #	NP_301940.1
UniProt Primary Accession #	Q49775
UniProt Secondary Accession #	Q9CC37; Q9S378
UniProt Related Accession #	Q49775; CAC31688
GenBank Nucleotide #	NC_002677.1
NCBI Official Full Name	5-methyltetrahydrofolate--homocysteine methyltransferase
NCBI Official Symbol	metH

UniProt Protein Name	Methionine synthase
UniProt Synonym Protein Names	5-methyltetrahydrofolate--homocysteine methyltransferase; Methionine synthase, vitamin-B12 dependent; MS
Protein Family	Methionine synthase
UniProt Gene Name	metH
UniProt Synonym Gene Names	MS
NCBI Protein Information	5-methyltetrahydrofolate--homocysteine methyltransferase
UniProt Comments for metH	Catalyzes the transfer of a methyl group from methyl-cobalamin to homocysteine, yielding enzyme-bound cob(I)alamin and methionine. Subsequently, remethylates the cofactor using methyltetrahydrofolate ().
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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