Methyl-Coenzyme M Reductase II Operon Protein D (mrtD) Methanothermobacter Thermautotrophicus Recombinant Protein

PRODUCT OVERVIEW

Product Name	Methyl-coenzyme M reductase II operon protein D (mrtD), Recombinant Protein
Full Product Name	Recombinant Methanothermobacter thermautotrophicus Methyl-coenzyme M reductase II operon protein D (mrtD)
Product Gene Name	mrtD recombinant protein
Product Synonym Gene Name	mrtD; MTH_1131
Product Synonym Names	Methyl-coenzyme M reductase II operon protein D
Sequence	MMSETGFIDV KIFPQRLLKP ETAEKLLNRI YELEGIVRVL VHGPSIPDRV YYGPARGTEV NHSDRRKITV RGEEFELRVK VGEIIVGMLP ETLEEKMETI EEILDEVLPC SYKVFIGAFT KKDITISDYL KYGLKFEEKI DPRVIGMVDP SSRMKDTVVN IK
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	18,619 Da
Sequence Positions	1-162aa; 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 Q50485
Species	Methanothermobacter thermautotrophicus (strain 29096 / DSM 1053 / JCM 10044 / NBRC 100330 / Delta H) (Methanobacterium thermoautotrophicum)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for mrtD recombinant protein	MBS1333622 is a recombinant protein targeting mrtD. Also known as Recombinant Methanothermobacter thermautotrophicus Methyl-coenzyme M reductase II operon protein D (mrtD). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of mrtD 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 mrtD. It may not necessarily be applicable to this product.

NCBI GI #	15679142
NCBI GeneID	1471539
NCBI Accession #	NP_276259.1

UniProt Primary Accession #	Q50485
UniProt Secondary Accession #	O27203
UniProt Related Accession #	Q50485
GenBank Nucleotide #	NC_000916.1
NCBI Official Full Name	methyl coenzyme M reductase II, D protein
NCBI Official Symbol	MTH1131
UniProt Protein Name	Methyl-coenzyme M reductase II operon protein D
Protein Family	Methyl-coenzyme M reductase II operon protein
UniProt Gene Name	mrtD
UniProt Entry Name	MCRW_METTH
NCBI Protein Information	methyl coenzyme M reductase II, D protein
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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