Putative Biopolymer Transport Protein Exbb Homolog (Mth_1022) (MTH1022) Methanothermobacter Thermautotrophicus Recombinant Protein

PRODUCT OVERVIEW

Product Name	Putative biopolymer transport protein exbB homolog (MTH_1022) (MTH1022), Recombinant Protein
Full Product Name	Recombinant Methanothermobacter thermautotrophicus Putative biopolymer transport protein exbB homolog (MTH_1022)
Product Gene Name	MTH1022 recombinant protein
Product Synonym Names	Recombinant Putative biopolymer transport protein exbB homolog (MTH_1022); Putative biopolymer transport protein exbB homolog
Sequence	MFLDPVINFF GTVLEMFRSG GVITYLIAAI GIYGFITALE KIHYLRKISR VSTPQIIGAV NESMEKGGAL EALREIGQYQ NPVSKIISEA LKIGYRNRSE VEDAMERVFI VEMSNMTRGL GTLRTIIEVA PMLGLIGTVI GIWYTFRALG VNADPAAMAE GIYVALITTI LGLAVAIILM PLYSYITGRI DDEIDKIELI KKMTNWGYAV MRISVEGNVD DVVKALMESD GVVSVRVVDE PDANVVVAFK PSMLEKSINN IIIERCGKSA EIIESKLRQ
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 degree C. For extended storage, store at -20 or -80 degree C.
Molecular Weight	30,742 Da
Sequence Positions	1-279
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.
Chromosome Location	NC_000916.1 (934610..935449, complement). Location: clone: MTH
3D Structure	ModBase 3D Structure for O27101
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 MTH1022 recombinant protein	MBS1232682 is a recombinant protein targeting MTH1022. Also known as Recombinant Methanothermobacter thermautotrophicus Putative biopolymer transport protein exbB homolog (MTH_1022). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of MTH1022 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 MTH1022. It may not necessarily be applicable to this product.

NCBI GI #	15679040

NCBI GeneID	1471430
NCBI Accession #	NP_276157.1
UniProt Primary Accession #	O27101
UniProt Related Accession #	O27101
GenBank Nucleotide #	NC_000916.1
NCBI Official Full Name	biopolymer transport protein
NCBI Official Symbol	MTH1022
UniProt Protein Name	Putative biopolymer transport protein ExbB homolog
UniProt Entry Name	Y1022_METTH
NCBI Protein Information	biopolymer transport protein
UniProt Comments for MTH1022	Subcellular location: Cell membrane; Multi-pass membrane protein Potential. Sequence similarities: Belongs to the ExbB/TolQ family.
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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