Methionine Import ATP-Binding Protein Metn (metN) Streptococcus Thermophilus Recombinant Protein

PRODUCT OVERVIEW

Product Name	Methionine import ATP-binding protein MetN (metN), Recombinant Protein
Full Product Name	Recombinant Streptococcus thermophilus Methionine import ATP-binding protein MetN (metN)
Product Gene Name	metN recombinant protein
Product Synonym Gene Name	metN
Sequence	MSNVIIDLKN IDITFTQKRR TIQAVKDVSI QIEKGDIYGI VGYSGAGKST LVRAINLLQV PTAGKITIGE DVTFEDGKVQ LTTKELRQKR QTIGMIFQHF NLMAQKTAYE NVAFALRHSK LSNEEKDKKI RGLLELVDLA DRAENYPAQL SGGQKQRVAI ARALANDPEI LISDESTSAL DPKTTKQILS LLQDLNKKLG LTVVMITHEM QIVKDICNRV AVMQNGQLLE EGSVLDIFSN PQEDLTQEFI ETAAGIEDAL AKINAQPLVK NLPASALLVQ LKYVGSSTDR PLLTEIFKDF GVSGNILYGN VEILGDTPVG ELVVVLDGDS DKVIAALKAI ENAGVSLRVL KKGAQ
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	38,764 Da
Sequence Positions	1-355, 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 Q5M5Z2
Species	Streptococcus thermophilus (strain BAA-250 / LMG 18311)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for metN recombinant protein	MBS1452454 is a recombinant protein targeting metN. Also known as Recombinant Streptococcus thermophilus Methionine import ATP-binding protein MetN (metN). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of metN 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 metN. It may not necessarily be applicable to this product.

NCBI GI #	499544686
NCBI Accession #	WP_011225469.1
UniProt Primary Accession #	Q5M5Z2
GenBank Nucleotide #	WP_011225469.1

NCBI Official Full Name	methionine import ATP-binding protein MetN
UniProt Protein Name	Methionine import ATP-binding protein MetN
Protein Family	Methionine import ATP-binding protein
UniProt Gene Name	metN
UniProt Comments for metN	Part of the ABC transporter complex MetNIQ involved in methionine import. Responsible for energy coupling to the transport system.
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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