Methionine Aminopeptidase (map) Pyrococcus Kodakaraensis Recombinant Protein

PRODUCT OVERVIEW

Product Name	Methionine aminopeptidase (map), Recombinant Protein
Full Product Name	Recombinant Pyrococcus kodakaraensis Methionine aminopeptidase (map)
Product Gene Name	map recombinant protein
Product Synonym Gene Name	map; TK1183
Product Synonym Names	Methionine aminopeptidase; MAP; EC=3.4.11.18; Peptidase M
Sequence	MDEREALIKA GEIARQVKKE VVDLIKPGAK LYDIAEFVER RIVELGGKPA FPCNLSINEI AAHYTPYKGD GTVLKEGDYL KLDIGVHVDG YIADTAVTFR VGMEEDELME AAREALENAI ATVRAGVMIR DVARAIEETI RGKGFNPIVN LSGHKVERYK LHAGVSVPNV YREADTYVLQ EGDVFAIEPF ATTGAGQVIE VPPALIFMYL RDRPVRMLQA RRLLMHIKKN YKTLPFAYRW LQDFLPEGQL KLALAQLEKA GAIYAYPILR EVRGGMVAQF EHTVIVEKEG AYITT
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	33,021 Da
Sequence Positions	1-295aa; 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 Q5JGD1
Species	Pyrococcus kodakaraensis (strain BAA-918 / JCM 12380 / KOD1) (Thermococcus kodakaraensis (strain KOD1))
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for map recombinant protein	MBS1406523 is a recombinant protein targeting map. Also known as Recombinant Pyrococcus kodakaraensis Methionine aminopeptidase (map). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of map 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 map. It may not necessarily be applicable to this product.

NCBI GI #	57641118
NCBI GeneID	3234128
NCBI Accession #	YP_183596.1
UniProt Primary Accession #	Q5JGD1

UniProt Related Accession #	Q5JGD1
GenBank Nucleotide #	NC_006624.1
NCBI Official Full Name	methionine aminopeptidase
NCBI Official Symbol	TK1183
UniProt Protein Name	Methionine aminopeptidase
UniProt Synonym Protein Names	Peptidase M
Protein Family	Methionine aminopeptidase
UniProt Gene Name	map
UniProt Synonym Gene Names	MAP; MetAP
UniProt Entry Name	MAP2_THEKO
NCBI Protein Information	methionine aminopeptidase
UniProt Comments for map	Removes the N-terminal methionine from nascent proteins. The N-terminal methionine is often cleaved when the second residue in the primary sequence is small and uncharged (Met-Ala-, Cys, Gly, Pro, Ser, Thr, or Val).
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