Methylthioribose Kinase (mtnK) Yersinia Pseudotuberculosis Recombinant Protein

PRODUCT OVERVIEW

Product Name	Methylthioribose kinase (mtnK), Recombinant Protein
Full Product Name	Recombinant Yersinia pseudotuberculosis Methylthioribose kinase (mtnK)
Product Gene Name	mtnK recombinant protein
Product Synonym Gene Name	mtnK
Sequence	MSRYHTFTAA DAVEYARQFG QVADPQALVT ADEIGDGNLN LVFKIRDTAG ISRVIVKQAL PYVRCVGESW PLTLDRARIE AETLLTHSQF CPQHTVKVLH HDAELAVMVQ EDLSDHHIWR HELIQGNYYP QAAEQLGEYL AQTLFHTSDF YQSAQAKKAA VSRYTNPELC QITEDLFFTD PYIDHERNNF DPVLLPEVLS LRQDKALKLA VASLKHRFLS QAEALLHGDI HSGSIFVADG RLKTIDAEFG FYGPIGFDIG TALGNLLLNY CGLPGLAGPR DAAAGREQRL KDVQTVWQTF AARFLALSQE KTQDPALATE GYATQFLQHV WRDAIGYCGS ELIRRTIGLA HVADLDSIDD EEMRRACQRH ALSLGRALIL VAPHVDDVGG VVARIRQSPS SLTPQRC
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	45,314 Da
Sequence Positions	1-407, Full length
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 Q66E15
Species	Yersinia pseudotuberculosis
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for mtnK recombinant protein	MBS1468887 is a recombinant protein targeting mtnK. Also known as Recombinant Yersinia pseudotuberculosis Methylthioribose kinase (mtnK). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of mtnK 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 mtnK. It may not necessarily be applicable to this product.

NCBI GI #	499505195
NCBI Accession #	WP_011191835.1
UniProt Primary Accession #	Q66E15
GenBank Nucleotide #	WP_011191835.1

NCBI Official Full Name	MULTISPECIES: methylthioribose kinase
UniProt Protein Name	Methylthioribose kinase
UniProt Gene Name	mtnK
UniProt Synonym Gene Names	MTR kinase
UniProt Comments for mtnK	Catalyzes the phosphorylation of methylthioribose into methylthioribose-1-phosphate.
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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