Cytidylate Kinase (cmk) Burkholderia Phymatum Recombinant Protein

PRODUCT OVERVIEW

Product Name	Cytidylate kinase (cmk), Recombinant Protein
Full Product Name	Recombinant Burkholderia phymatum Cytidylate kinase (cmk)
Product Gene Name	cmk recombinant protein
Sequence	MKPTRPFHQT PVITIDGPTA SGKGTVAALV AAELGFHLLD SGALYRLAAL ASVRYDIAAD DAEALAKLVG ELHITFREGI AQLDGADVST DIRAEEIGNR ASAIAIHAPV RAALVARQRA FRKQPGLVAD GRDMGTVIFP DAALKVFLTA SVEARATRRH KQLIQKGFSA NMDDLLRDLR ERDERDSQRA AAPLKPAADA QLLDTSALSV DQAVEQVVQW YRALVPQS
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	24,539 Da
Sequence Positions	1-228, 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 B2JF05
Species	Burkholderia phymatum (strain DSM 17167 / STM815)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for cmk recombinant protein	MBS1130760 is a recombinant protein targeting cmk. Also known as Recombinant Burkholderia phymatum Cytidylate kinase (cmk). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of cmk 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 cmk. It may not necessarily be applicable to this product.

NCBI GI #	501368588
NCBI Accession #	WP_012400154.1
UniProt Primary Accession #	B2JF05
GenBank Nucleotide #	WP_012400154.1
NCBI Official Full Name	cytidylate kinase
UniProt Protein Name	Cytidylate kinase

UniProt Synonym Protein Names	Cytidine monophosphate kinase
Protein Family	Cytidylate kinase
UniProt Gene Name	cmk
UniProt Synonym Gene Names	CK; CMP kinase
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