Type III Pantothenate Kinase (coaX) Dehalococcoides Sp. Recombinant Protein

PRODUCT OVERVIEW

Product Name	Type III pantothenate kinase (coaX), Recombinant Protein
Full Product Name	Recombinant Dehalococcoides sp. Type III pantothenate kinase (coaX)
Product Gene Name	coaX recombinant protein
Product Synonym Gene Name	coaX
Sequence	MNKQAATEKL VAVDIGNTSV NIGIFEGEQL LANWHLGSVA QRMADEYASL LLGLLQHADI QAGELNRVIM CSVVPPLTTT FEEVFKTYFK ATPLVVGAGI KSGVKIRMDN PREVGADRIV NAAAARVLYP GACIIVDMGT ATTFDTLSES GEYIGGAIAP GIATSAQAIV EKTSKLPKIE IIHPAKAIGS NTVSAMQSGV YFGYIGLVEE LVRRIQAELG QKARVVATGG YASLIAEGSR IFDIVRPDLT LQGLRFIYQM NKV
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	28,099 Da
Sequence Positions	1-263, 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 Q3ZZH1
Species	Dehalococcoides sp. (strain CBDB1)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for coaX recombinant protein	MBS1311161 is a recombinant protein targeting coaX. Also known as Recombinant Dehalococcoides sp. Type III pantothenate kinase (coaX). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of coaX 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 coaX. It may not necessarily be applicable to this product.

NCBI GI #	499628216
NCBI Accession #	WP_011308950.1
UniProt Primary Accession #	Q3ZZH1
GenBank Nucleotide #	WP_011308950.1
NCBI Official Full Name	type III pantothenate kinase

UniProt Protein Name	Type III pantothenate kinase
UniProt Synonym Protein Names	PanK-III
Protein Family	Type III pantothenate kinase
UniProt Gene Name	coaX
UniProt Comments for coaX	Catalyzes the phosphorylation of pantothenate (Pan), the first step in CoA biosynthesis.
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