Pantothenate Kinase (coaA) Bradyrhizobium Japonicum Recombinant Protein

PRODUCT OVERVIEW

Product Name	Pantothenate kinase (coaA), Recombinant Protein
Full Product Name	Recombinant Bradyrhizobium japonicum Pantothenate kinase (coaA)
Product Gene Name	coaA recombinant protein
Product Synonym Gene Name	coaA
Sequence	MDIRAPEQQY NPYRVYTREQ WARLRDDTPM TLEPGEFDRL RSLHDRLDLQ EVEDIYLPLS RLLSIYVDAM QRLYYAERQF LNIRDRKMPY IIGVAGSVAV GKSTTARVLQ ALLARWSPRP KVDLITTDGF LYPNAVLDRQ GIMQKKGFPE SYDLPLLLGF LSDIKAGRRH VRAPVYSHLT YDIVPNQWVE IDQPDILIVE GVNVLQTGKL PRDGKAVPVV SDFFDFSVYI DADEAALRRW YIKRFLALRD TAFTNPKSYF NRYALLSDEE ATATAIAIWE RTNLANLEDN ILPTRPRATL ILKKGPDHVV ESVALRRL
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	36,712 Da
Sequence Positions	1-318, 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 Q89WM2
Species	Bradyrhizobium japonicum (strain USDA 110)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for coaA recombinant protein	MBS1484809 is a recombinant protein targeting coaA. Also known as Recombinant Bradyrhizobium japonicum Pantothenate kinase (coaA). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of coaA 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 coaA. It may not necessarily be applicable to this product.

NCBI GI #	27375767
NCBI GeneID	1049340
NCBI Accession #	NP_767296.1
UniProt Primary Accession #	Q89WM2
GenBank Nucleotide #	NC_004463.1

NCBI Official Full Name	pantothenate kinase
NCBI Official Symbol	panK
UniProt Protein Name	Pantothenate kinase
UniProt Synonym Protein Names	Pantothenic acid kinase
Protein Family	Coactosin
UniProt Gene Name	coaA
NCBI Protein Information	pantothenate kinase
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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