Pantothenate Kinase (coaA) Sorangium Cellulosum Recombinant Protein

PRODUCT OVERVIEW

Product Name	Pantothenate kinase (coaA), Recombinant Protein
Full Product Name	Recombinant Sorangium cellulosum Pantothenate kinase (coaA)
Product Gene Name	coaA recombinant protein
Sequence	MDAVTTYEVF SAAQWAGLRA ATPLPLTEGD LMVLRGLNER LSLDEVATIY LPLSRLLNLH VGAAQQLRRV KDTFLGRPVG RRPFVIGIAG SVAVGKSTTA RVLQALLARW PDHPRVDLVT TDGFLYPNAV LASRAGLHRK GFPESYDLRR LVQFLADLEA GVEAIDVPVY SHATYDVVAG KAQTVRQPDI VILEGLNVLQ GPERAAAIAV SDFFDLGIYV HADEADLERW YIERFLTLRA TAFRDPSSYF HRYAAMGDDE ARAFALQIWR TINGPNLTEN ILPTRARADV VLEKGPDHAV RAVHLRRL
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	34,144 Da
Sequence Positions	1-308, 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 A9FRP1
Species	Sorangium cellulosum (strain So ce56) (Polyangium cellulosum (strain So ce56))
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for coaA recombinant protein	MBS1260337 is a recombinant protein targeting coaA. Also known as Recombinant Sorangium cellulosum 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 #	501194765
NCBI Accession #	WP_012237783.1
UniProt Primary Accession #	A9FRP1
GenBank Nucleotide #	WP_012237783.1
NCBI Official Full Name	type I pantothenate kinase
UniProt Protein Name	Pantothenate kinase

UniProt Synonym Protein Names	Pantothenic acid kinase
Protein Family	Coactosin
UniProt Gene Name	coaA
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