Pantothenate Kinase 4 (PANK4) Macaca Fascicularis Recombinant Protein

PRODUCT OVERVIEW

Product Name	Pantothenate kinase 4 (PANK4), Recombinant Protein
Full Product Name	Recombinant Macaca fascicularis Pantothenate kinase 4 (PANK4), partial
Product Gene Name	PANK4 recombinant protein
Product Synonym Gene Name	PANK4
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	86,011 Da
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 Q4R4U1
Species	Macaca fascicularis (Crab-eating macaque) (Cynomolgus monkey)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for PANK4 recombinant protein	MBS1464434 is a recombinant protein targeting PANK4. Also known as Recombinant Macaca fascicularis Pantothenate kinase 4 (PANK4), partial. Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of PANK4 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 PANK4. It may not necessarily be applicable to this product.

NCBI GI #	545688347
NCBI GeneID	101865764
NCBI Accession #	NP_001270249.1
UniProt Primary Accession #	Q4R4U1
UniProt Secondary Accession #	Q2PFY2
UniProt Related Accession #	Q4R4U1
GenBank Nucleotide #	NM_001283320.1
NCBI Official Full Name	pantothenate kinase 4
NCBI Official Symbol	PANK4

UniProt Protein Name	Pantothenate kinase 4
UniProt Synonym Protein Names	Pantothenic acid kinase 4
Protein Family	Pantothenate kinase
UniProt Gene Name	PANK4
NCBI Protein Information	pantothenate kinase 4
UniProt Comments for PANK4	Plays a role in the physiological regulation of the intracellular CoA concentration.
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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