Pantothenate Kinase 2 (AT4G32180) Arabidopsis Thaliana Recombinant Protein

PRODUCT OVERVIEW

Product Name	Pantothenate kinase 2 (At4g32180), Recombinant Protein
Full Product Name	Recombinant Arabidopsis thaliana Pantothenate kinase 2 (At4g32180) , partial
Product Gene Name	At4g32180 recombinant protein
Product Synonym Gene Name	At4g32180
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	99,640 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 Q8L5Y9
Species	Arabidopsis thaliana (Mouse-ear cress)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for At4g32180 recombinant protein	MBS1354532 is a recombinant protein targeting At4g32180. Also known as Recombinant Arabidopsis thaliana Pantothenate kinase 2 (At4g32180) , partial. Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of At4g32180 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 At4g32180. It may not necessarily be applicable to this product.

NCBI GI #	30689295
NCBI GeneID	829351
NCBI Accession #	NP_194945.3
UniProt Primary Accession #	Q8L5Y9
UniProt Secondary Accession #	O49372; O49374
UniProt Related Accession #	Q8L5Y9
GenBank Nucleotide #	NM_119370.5
NCBI Official Full Name	pantothenate kinase 2

NCBI Official Symbol	PANK2
NCBI Official Synonym Symbols	ATPANK2; F10M6.180; F10M6_180; pantothenate kinase 2
UniProt Protein Name	Pantothenate kinase 2
UniProt Synonym Protein Names	Pantothenic acid kinase 2
UniProt Gene Name	PANK2
UniProt Synonym Gene Names	AtPANK2
NCBI Protein Information	pantothenate kinase 2
NCBI Summary for At4g32180	Encodes a protein with pantothenate kinase activity.
UniProt Comments for At4g32180	Catalyzes the phosphorylation of pantothenate the first step in CoA biosynthesis. May play a role in the physiological regulation of the intracellular CoA concentration. Functionally redudant with PANK1.
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