Pantothenate kinase 2 (At4g32180), Recombinant Protein

CD BioSciences
Plant Protein

Cat *RP09989*

Species
Arabidopsis thaliana (Mouse-ear cress)

Full Product Name
Recombinant Arabidopsis thaliana Pantothenate kinase 2 (At4g32180) , partial

Product Gene Name
At4g32180 recombinant protein

Product Synonym Gene Name
At4g32180

Purity
Greater or equal to 85% purity as determined by SDS-PAGE. (lot specific)

Format
Lyophilized or liquid (Format to be determined during the manufacturing process)

Host
E Coli or Yeast or Baculovirus or Mammalian Cell

Molecular Weight
99,640 Da

Storage
Store at -20℃. For long-term storage, store at -20℃ or -80℃. Store working aliquots at 4℃ for up to one week. Repeated freezing and thawing is not recommended.

NCBI Accession
NP_194945.3

NCBI GI
30689295

NCBI GenBank Nucleotide
NM_119370.5

NCBI GeneID
829351

NCBI Official Full Name
pantothenate kinase 2

NCBI Official Symbol
PANK2

NCBI Official Synonym Symbols
ATPANK2; F10M6.180; F10M6_180; pantothenate kinase 2

NCBI Protein Information

Address: SUITE 209, 17 Ramsey Road, Shirley, NY 11967
Tel: 1-631-637-0420
E-mail: info@cd-biosci.com
https://www.cd-biosciences.com/plant-protein/

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pantothenate kinase 2

NCBI Summary

Encodes a protein with pantothenate kinase activity.

UniProt Gene Name

PANK2

UniProt Synonym Gene Names

AtPANK2

UniProt Protein Name

Pantothenate kinase 2

UniProt Synonym Protein Names

Pantothenic acid kinase 2

UniProt Primary Accession

Q8L5Y9

UniProt Secondary Accession

O49372; O49374

UniProt Related Accession

Q8L5Y9

UniProt Comments

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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