

Calcium-dependent protein kinase 8 (CPK8), Recombinant Protein

Cat RP01860

Species

Arabidopsis thaliana (Mouse-ear cress)

Full Product Name

Recombinant *Arabidopsis thaliana* Calcium-dependent protein kinase 8 (CPK8) , partial

Product Gene Name

CPK8 recombinant protein

Product Synonym Gene Name

CPK8

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

54,263 Da

Storage

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

Protein Family

Calcium-dependent protein kinase

NCBI Accession

NP_197446.1

NCBI GI

15239742

NCBI GenBank Nucleotide

NM_121950.3

NCBI GeneID

832065

NCBI Official Full Name

calcium-dependent protein kinase 19

NCBI Official Symbol

CDPK19

NCBI Official Synonym Symbols

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY

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calcium-dependent protein kinase 19; CALCIUM-DEPENDENT PROTEIN KINASE 19; CPK8; F7K24.200; F7K24_200

NCBI Protein Information

calcium-dependent protein kinase 19

NCBI Summary

calcium-dependent protein kinase (CDPK19) mRNA, complete

UniProt Gene Name

CPK8

UniProt Synonym Gene Names

CDPK19; AtCDPK19

UniProt Protein Name

Calcium-dependent protein kinase 8

UniProt Synonym Protein Names

Calcium-dependent protein kinase isoform CDPK19; AtCDPK19

UniProt Primary Accession

Q42438

UniProt Secondary Accession

Q0WUS5

UniProt Related Accession

Q42438

UniProt Comments

May play a role in signal transduction pathways that involve calcium as a second messenger.

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