

Calcium-dependent protein kinase 29 (CPK29), Recombinant Protein

Cat *RP04611*

Species

Arabidopsis thaliana (Mouse-ear cress)

Full Product Name

Recombinant *Arabidopsis thaliana* Calcium-dependent protein kinase 29 (CPK29) , partial

Product Gene Name

CPK29 recombinant protein

Product Synonym Gene Name

CPK29

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

37,162 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_001319387.1

NCBI GI

1063692925

NCBI GenBank Nucleotide

NM_001334707.1

NCBI GeneID

843936

NCBI Official Full Name

calcium-dependent protein kinase 29

NCBI Official Symbol

CPK29

NCBI Official Synonym Symbols

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY

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calcium-dependent protein kinase 29; T4O12.25; T4O12_25

NCBI Protein Information

calcium-dependent protein kinase 29

NCBI Summary

member of Calcium Dependent Protein Kinase

UniProt Gene Name

CPK29

UniProt Protein Name

Calcium-dependent protein kinase 29

UniProt Primary Accession

Q8RWL2

UniProt Secondary Accession

Q9LQR4; F4I0S0

UniProt Comments

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

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