

Calmodulin-like protein 2 (CML2), Recombinant Protein

Cat RP02090

Size 0.02 mg (E-Coli)/ 0.1 mg (E-Coli)/ 0.02 mg (Yeast)/ 0.1 mg (Yeast)/ 0.02 mg (Baculovirus)/ 0.02 mg (Mammalian-Cell)/ 1

mg (E-Coli)/ 0.1 mg (Baculovirus)/ 1 mg (Yeast)/ 0.1 mg (Mammalian-Cell)/ 1 mg (Baculovirus)/ 0.5 mg (Mammalian-Cell)

Species

Arabidopsis thaliana (Mouse-ear cress)

Full Product Name

Recombinant Arabidopsis thaliana Calmodulin-like protein 2 (CML2)

Product Gene Name

CML2 recombinant protein

Product Synonym Gene Name

CML2

Purity

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

Sequence

MDRGELSRVF QMFDKNGDGK IAKNELKDFF KSVGIMVPEN EINEMIAKMD VNGDGAMDID EFGSLYQEMV
EEEEEEEDMR EAFRVFDQNG DGFITDEELR SVLASMGLKQ GRTLEDCKKM ISKVDVDGDG MVNFKEFKQM
MRGGGFAALS SN

Sequence Positions

1-152, Full length protein

Format

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

Host

E Coli or Yeast or Baculovirus or Mammalian Cell

Molecular Weight

17,182 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

Calmodulin-like protein

NCBI Accession

NP_193022.1

NCBI GI

15235516

NCBI GenBank Nucleotide

NM_117355.1

NCBI GeneID

826898

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY

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(Yeast)/ 0.02 mg (Baculovirus)/ 0.02 mg (Mammalian-Cell)/ 1

mg (E-Coli)/ 0.1 mg (Baculovirus)/ 1 mg (Yeast)/ 0.1 mg
(Mammalian-Cell)/ 1 mg (Baculovirus)/ 0.5 mg (Mammalian-
Cell)
EF hand calcium-binding protein family

NCBI Official Full Name

NCBI Official Symbol

UNE14

NCBI Official Synonym Symbols

T20K18.210; T20K18_210; unfertilized embryo sac 14

NCBI Protein Information

EF hand calcium-binding protein family

UniProt Gene Name

CML2

UniProt Synonym Gene Names

UNE14

UniProt Protein Name

Calmodulin-like protein 2

UniProt Synonym Protein Names

Protein UNFERTILIZED EMBRYO SAC 14

UniProt Primary Accession

Q9SU00

UniProt Related Accession

Q9SU00

UniProt Comments

Potential calcium sensor that is required for pollen tube attraction for ovule fertilization.

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