

Probable calcium-binding protein CML33 (CML33), Recombinant Protein

Cat RP05464

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 Probable calcium-binding protein CML33 (CML33)

Product Gene Name

CML33 recombinant protein

Product Synonym Gene Name

CML33

Purity

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

Sequence

MNNMSLSLSDIF ERFDTSKDGK ISWEEFRDAI HALSPSIPSE KLVEMFIQLD TNGDGQVDAA KFASCMDQTA
QSSGGDVEKE LKDAFKLYDI NCDGKISANE LHVVMTRLGE KCTVESCVMG VQAIDVDGDG YIRFVGV

Sequence Positions

1-137, 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

15,068 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

Probable calcium-binding protein

NCBI Accession

NP_186990.1

NCBI GI

15228545

NCBI GenBank Nucleotide

NM_111211.1

NCBI GeneID

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY

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

821266 mg (E-Coli)/ 0.1 mg (Baculovirus)/ 1 mg (Yeast)/ 0.1 mg
(Mammalian Cell)/ 1 mg (Baculovirus)/ 0.5 mg (Mammalian-
Cell)

NCBI Official Full Name

EF hand calcium-binding protein family

NCBI Official Symbol

AT3G03400

NCBI Official Synonym Symbols

T21P5.18; T21P5_18

NCBI Protein Information

EF hand calcium-binding protein family

UniProt Gene Name

CML33

UniProt Protein Name

Probable calcium-binding protein CML33

UniProt Synonym Protein Names

Calmodulin-like protein 33

UniProt Primary Accession

Q9SRP4

UniProt Related Accession

Q9SRP4

UniProt Comments

Potential calcium sensor.

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