

Probable calcium-binding protein CML41 (CML41), Recombinant Protein

Cat RP05435

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 CML41 (CML41)

Product Gene Name

CML41 recombinant protein

Product Synonym Gene Name

CML41

Purity

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

Sequence

MATQKEKPSS NSFKEFSTKT LKLNLSFQNR RRSPKSNSSS TLNSPRSNSD DNNNIKSHQA SKEELRQVFS
HFDSDGDGKI SAFELRHYFG SVGEYISHEA AQEAINEVD TADGSLGFED FVGLMTRRDL YGDGEVDGDG
ELKTAFEMFE VEKSGCITP KGLQKMLVKL GESRTYGECE AMIKFYDIDG NGILDFHEFR QMMTV

Sequence Positions

1-205, 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

23,044 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_190646.1

NCBI GI

15230301

NCBI GenBank Nucleotide

NM_114937.3

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY

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NCBI GeneID
824241 *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

calmodulin-like 41

NCBI Official Symbol

CML41

NCBI Official Synonym Symbols

calmodulin-like 41

NCBI Protein Information

calmodulin-like 41

UniProt Gene Name

CML41

UniProt Protein Name

Probable calcium-binding protein CML41

UniProt Synonym Protein Names

Calmodulin-like protein 41

UniProt Primary Accession

Q8L3R2

UniProt Secondary Accession

Q9SVM1

UniProt Related Accession

Q8L3R2

UniProt Comments

Potential calcium sensor.

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