

Probable calcium-binding protein CML46 (CML46), Recombinant Protein

Cat *RP05100*

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-
Arabidopsis thaliana (Mouse-ear cress)
Cell)

Species

Full Product Name

Recombinant Arabidopsis thaliana Probable calcium-binding protein CML46 (CML46)

Product Gene Name

CML46 recombinant protein

Product Synonym Gene Name

CML46

Purity

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

Sequence

MPIFQWLKRC LCGDTNITID QAIALVDEEI ANLRKLERGY QTNIRNAENA RDQTNVQIER DSFNDTIRLL
QAECLNINLE IPTLNEEKFA ITRLKSAKHF FGAVSSLKEG KALECCKEMI KQVDEDGHGR VDYKEFLQMM
KTGDFSNR

Sequence Positions

1-148, 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

17,072 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_191504.1

NCBI GI

15231687

NCBI GenBank Nucleotide

NM_115807.1

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY

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NCBI GeneID
825114 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

Calcium-binding EF-hand family protein

NCBI Official Symbol

AT3G59450

NCBI Protein Information

Calcium-binding EF-hand family protein

UniProt Gene Name

CML46

UniProt Protein Name

Probable calcium-binding protein CML46

UniProt Synonym Protein Names

Calmodulin-like protein 46

UniProt Primary Accession

Q9LX26

UniProt Related Accession

Q9LX26

UniProt Comments

Potential calcium sensor.

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