

Probable calcium-binding protein CML31 (CML31), Recombinant Protein

Cat *RP12797*

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 *Oryza sativa* subsp. *japonica* (Rice)

Full Product Name

Recombinant *Oryza sativa* subsp. *japonica* Probable calcium-binding protein CML31 (CML31)

Product Gene Name

CML31 recombinant protein

Product Synonym Gene Name

CML31

Purity

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

Sequence

MVVASAASPC ESSALFATFD HDGDGRISAA ELRLCMKTTL GEEVSDEEAG QLVASVDADG DGLLCEAEFV
RLVQAAEEVEE EDERRGTGLR EAFGMYEMEG EGCITPTSLR RMLRRLGSDQ DIDDCRAMIC RFDLNGDGVL
SFDEFKIMMN A

Sequence Positions

1-151, 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

16,460 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

XP_015631059.1

NCBI GI

1002227266

NCBI GenBank Nucleotide

XM_015775573.1

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY

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

NCBI GeneID

4325408

NCBI Official Full Name

probable calcium-binding protein CML31

NCBI Official Symbol

LOC4325408

NCBI Official Synonym Symbols

CML31

NCBI Protein Information

probable calcium-binding protein CML31

UniProt Gene Name

CML31

UniProt Protein Name

Probable calcium-binding protein CML31

UniProt Synonym Protein Names

Calmodulin-like protein 31

UniProt Primary Accession

Q8RYK0

UniProt Related Accession

Q8RYK0

UniProt Comments

Potential calcium sensor.

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