

Probable calcium-binding protein CML20 (CML20), Recombinant Protein

Cat RP12521

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 CML20 (CML20)

Product Gene Name

CML20 recombinant protein

Product Synonym Gene Name

CML20

Purity

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

Sequence

GLVVSAAASC GRLRRSRRS PPPAVLDPSQ SPLSLEREA PELIRVFRFC DTDGDGLISA AEMREFYGCS
VDEAEEMVAA ADRDGDGFVS IEELRAVM EG GGLDALRAAF DEYDEDGNGV ITAEELRRAL RRLNLDGMDL
TAEQCAEIVA AVDSGDGVI SFDEFKAMMS KQA

Sequence Positions

2-174, 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

18,760 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_015624214.1

NCBI GI

1002239943

NCBI GenBank Nucleotide

XM_015768728.1

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY

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NCBI GeneID
4330639 *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

probable calcium-binding protein CML20

NCBI Official Symbol

LOC4330639

NCBI Official Synonym Symbols

CML20; OsJ_008004

NCBI Protein Information

probable calcium-binding protein CML20

UniProt Gene Name

CML20

UniProt Protein Name

Probable calcium-binding protein CML20

UniProt Synonym Protein Names

Calmodulin-like protein 20

UniProt Primary Accession

Q6Z2J1

UniProt Secondary Accession

B7F1C6

UniProt Related Accession

Q6Z2J1

UniProt Comments

Potential calcium sensor.

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