

MADS-box transcription factor 14 (MADS14), Recombinant Protein

Cat RP13417

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 MADS-box transcription factor 14 (MADS14)

Product Gene Name

MADS14 recombinant protein

Product Synonym Gene Name

MADS14

Purity

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

Sequence

MGRGKVQLKR IENKINRQVT FSKRRSGLLK KANEISVLCD AEVALIIFST KGKLYEYATD SCMDKILERY
ERYSYAEKVL ISAESDTQGN WCHEYRKLKA KVETIQKCQK HLMGEDLESL NLKELQQLEQ QLENSLKHIR
SRKSQMLLES INELQRKEKS LQEENKVLQK ELVEKQKVQK QQVQWDQTQP QTSSSSSSFM MREALPTTNI
SNYPAAAGER IEDVAAGQPQ HVRIGLPPWM LSHING

Sequence Positions

1-246, 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

29,212 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

MADS-box transcription factor

NCBI Accession

XP_015631033.1

NCBI GI

1002253584

NCBI GenBank Nucleotide

XM_015775547.1

NCBI GeneID

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY

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4334140 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

MADS-box transcription factor 14 isoform X1

NCBI Official Symbol

LOC4334140

NCBI Official Synonym Symbols

AGL10; RAP1B; MADS14; FDRMADS6; OsMADS14; RMADS211; OJ1112_G08.13

NCBI Protein Information

MADS-box transcription factor 14

UniProt Gene Name

MADS14

UniProt Synonym Gene Names

AGL10; RAP1B

UniProt Protein Name

MADS-box transcription factor 14

UniProt Synonym Protein Names

FDRMADS6; OsMADS14; Protein AGAMOUS-like 10; Protein APETALA1-like B; RMADS211

UniProt Primary Accession

Q10CQ1

UniProt Secondary Accession

Q10CQ2; Q7Y023; Q8LLN3; Q9M7C6; Q9MAY7; Q9SEX0; B9FBV1

UniProt Related Accession

Q10CQ1

UniProt Comments

Probable transcription factor. May be involved in the control of flowering time.

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