

MADS-box transcription factor 2 (MADS2), Recombinant Protein

Cat RP12702

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)
Oryza sativa subsp. japonica (Rice)

Full Product Name

Recombinant Oryza sativa subsp. japonica MADS-box transcription factor 2 (MADS2)

Product Gene Name

MADS2 recombinant protein

Product Synonym Gene Name

MADS2

Purity

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

Sequence

MGRGKIEIKR IENSTNRQVT FSKRRSGILK KAREISVLCD AEVGVWIFSS AGKLYDYCSP KTSLSRILEK
YQTNSGKILW DEKHKSLSAE IDRIKKENDN MQIELRHLKG EDLNSLQPKL LIMIEEALDN GIVNVNDKLM
DHWERHVRTD KMLEDENKLL AFKLNQDIA LSGSMRDLEL GYHPDRDFAA QMPITFRVQP SHPNLQENN

Sequence Positions

1-209, 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

18,986 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_015623988.1

NCBI GI

1002225820

NCBI GenBank Nucleotide

XM_015768502.1

NCBI GeneID

4325001

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY

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NCBI Official Symbol

LOC4325001

NCBI Official Synonym Symbols

PI2; MADS; MADS2; NMADS1; OsMADS2; RMADS219; OsJ_04312

NCBI Protein Information

MADS-box transcription factor 2

UniProt Gene Name

MADS2

UniProt Synonym Gene Names

MADS

UniProt Protein Name

MADS-box transcription factor 2

UniProt Synonym Protein Names

NMADS1; OsMADS2; RMADS219

UniProt Primary Accession

Q40702

UniProt Secondary Accession

Q0JH52; Q6Q9H8; Q7F2L5; Q9AUJ1

UniProt Related Accession

Q40702

UniProt Comments

Probable transcription factor involved in the development of floral organs. B-class protein required for normal development of lodicules (whorl 2).

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