

MADS-box transcription factor 50 (MADS50), Recombinant Protein

Cat *RP13509*

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 50 (MADS50)

Product Gene Name

MADS50 recombinant protein

Product Synonym Gene Name

MADS50

Purity

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

Sequence

MVRGKTQMKR IENPTSRQVT FSKRRNGLLK KAFELSVLCD AEVALIVFSP RGKLYEFASA STQKTIERYR
TYTKENIGNK TVQQDIEQVK ADADGLAKKL EALETYKRKL LGEKLDECSI EELHSLEVKL ERSLSIRGR
KTKLLEEQVA KLREKEMKLR KDNEELREKC KNQPPLSAPL TVRAEDENPD RNINTTNDNM DVETELFIGL
PGRSRSSGGA AEDSQAMPHS

Sequence Positions

1-230, 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

17,122 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_015630979.1

NCBI GI

1002253480

NCBI GenBank Nucleotide

XM_015775493.1

NCBI GeneID

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY

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4331445 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 50

NCBI Official Symbol

LOC4331445

NCBI Official Synonym Symbols

SOC1; AGL20; MADS50; OsSOC1; OsMADS50; RMADS208; OJ1126B12.8

NCBI Protein Information

MADS-box transcription factor 50

UniProt Gene Name

MADS50

UniProt Synonym Gene Names

AGL20; SOC1; OsMADS50; OsSOC1

UniProt Protein Name

MADS-box transcription factor 50

UniProt Synonym Protein Names

Protein AGAMOUS-like 20; Protein SUPPRESSOR OF CONSTANS OVEREXPRESSION 1-like; OsSOC1; RMADS208

UniProt Primary Accession

Q9XJ60

UniProt Secondary Accession

Q0DVM3; Q7XB97; Q8H8H3

UniProt Related Accession

Q9XJ60

UniProt Comments

Probable transcription factor active in flowering time control. May control internode elongation and promote floral transition phase. May act upstream of the floral regulators MADS1, MADS14, MADS15 and MADS18 in the floral induction pathway.

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