

Agamous-like MADS-box protein AGL17 (AGL17), Recombinant Protein

Cat *RP05188*

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-
Arabidopsis thaliana (Mouse-ear cress)
Cell)

Species

Full Product Name

Recombinant Arabidopsis thaliana Agamous-like MADS-box protein AGL17 (AGL17)

Product Gene Name

AGL17 recombinant protein

Product Synonym Gene Name

AGL17

Purity

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

Sequence

MGRGKIVIQK IDDSTSRQVT FSKRRKGLIK KAKELAILCD AEVCLIIFSN TDKLYDFASS SVKSTIERFN
TAKMEEQELM NPASEVKFWQ REAETLRQEL HSLQENYRQL TGVELNGLSV KELQNIESQL EMSLRGIRMK
REQILTNEIK ELTRKRNLVH HENLELSRKV QRIHQENVEL YKKAYGTSNT NGLGHHELVD AVYESHAQVR
LQLSQPEQSH YKTSSNS

Sequence Positions

1-227, 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

26,314 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

Agamous-like MADS-box protein

NCBI Accession

NP_001324454.1

NCBI GI

1063704471

NCBI GenBank Nucleotide

NM_001335805.1

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

816794

NCBI Official Full Name

AGAMOUS-like 17

NCBI Official Symbol

AGL17

NCBI Official Synonym Symbols

AGAMOUS-like 17; T9I22.7; T9I22_7

NCBI Protein Information

AGAMOUS-like 17

NCBI Summary

Encodes a MADS domain containing protein involved in promoting flowering. Loss of function mutations show delayed flowering in long days and reduced levels of LFY and AP1 expression.

UniProt Gene Name

AGL17

UniProt Protein Name

Agamous-like MADS-box protein AGL17

UniProt Primary Accession

Q38840

UniProt Secondary Accession

Q9ZQ50

UniProt Related Accession

Q38840

UniProt Comments

Probable transcription factor.

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