

# 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

**Species** mg (E-Coli)/ 0.1 mg (Baculovirus)/ 1 mg (Yeast)/ 0.1 mg (Mammalian-Cell)/ 1 mg (Baculovirus)/ 0.5 mg (Mammalian-Cell)/ *Arabidopsis thaliana* (Mouse-ear cress)

## 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 IDDSTSRRQVT FSKRRKGLIK KAKELAILCD AEVCLIIFSN TDKLYDFASS SVKSTIERFN  
TAKMEEQELM NPASEVKFWQ REAETLRQEL HSLQENYRQL TGVELNGLSV KELQNIESQL EMSLRGIRMK  
REQILTNEIK ELTRKRNLLVH HENLELSRKV QRIHQENVEL YKKAYGTSNT NGLGHHELVN 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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**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

**NCBI GenelD** 816794  
1 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

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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