

# Pumilio homolog 9 (APUM9), Recombinant Protein

Cat      RP05155

## Species

Arabidopsis thaliana (Mouse-ear cress)

## Full Product Name

Recombinant Arabidopsis thaliana Pumilio homolog 9 (APUM9) , partial

## Product Gene Name

APUM9 recombinant protein

## Product Synonym Gene Name

APUM9

## Purity

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

## Format

Lyophilized or liquid (Format to be determined during the manufacturing process)

## Host

E Coli or Yeast or Baculovirus or Mammalian Cell

## Molecular Weight

63,251 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

Pumilio

## NCBI Accession #

NP\_174811.1

## NCBI GI #

15220217

## NCBI GenBank Nucleotide #

NM\_103275.1

## NCBI GenelD

840477

## NCBI Official Full Name

pumilio 9

## NCBI Official Symbol

PUM9

## NCBI Official Synonym Symbols

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY

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APUM9; F14D7.3; F14D7\_3; pumilio 9

## NCBI Protein Information

pumilio 9

## NCBI Summary

Encodes a member of the *Arabidopsis* Pumilio (APUM) proteins containing PUF domain (eight repeats of approximately 36 amino acids each). PUF proteins regulate both mRNA stability and translation through sequence-specific binding to the 3' UTR of target mRNA transcripts.

## UniProt Gene Name

APUM9

## UniProt Synonym Gene Names

APUM-9; AtPUM9

## UniProt Protein Name

Pumilio homolog 9

## UniProt Primary Accession #

Q1PFN9

## UniProt Secondary Accession #

Q9LP23

## UniProt Related Accession #

Q1PFN9

## UniProt Comments

Sequence-specific RNA-binding protein that regulates translation and mRNA stability by binding the 3'-UTR of target mRNAs.

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