

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 GeneID

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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