

Probable pectinesterase/pectinesterase inhibitor 47 (PME47), Recombinant Protein

Cat *RP05499*

Species

Arabidopsis thaliana (Mouse-ear cress)

Full Product Name

Recombinant *Arabidopsis thaliana* Probable pectinesterase/pectinesterase inhibitor 47 (PME47) , partial

Product Gene Name

PME47 recombinant protein

Product Synonym Gene Name

PME47

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

68,148 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

Probable pectinesterase/pectinesterase inhibitor

NCBI Accession

NP_196116.1

NCBI GI

15238378

NCBI GenBank Nucleotide

NM_120579.3

NCBI GenID

830379

NCBI Official Full Name

Plant invertase/pectin methylesterase inhibitor superfamily

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY

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NCBI Official Symbol

AT5G04970

NCBI Official Synonym Symbols

MUG13.17; MUG13_17

NCBI Protein Information

Plant invertase/pectin methylesterase inhibitor superfamily

UniProt Gene Name

PME47

UniProt Synonym Gene Names

ARATH47; PE 47; AtPME47

UniProt Protein Name

Probable pectinesterase/pectinesterase inhibitor 47

UniProt Synonym Protein Names

Pectinesterase inhibitor 47Alternative name(s):Pectin methylesterase inhibitor 47

UniProt Primary Accession

Q9FF77

UniProt Related Accession

Q9FF77

UniProt Comments

Acts in the modification of cell walls via demethylesterification of cell wall pectin.

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