

Probable pectinesterase 68 (PME68), Recombinant Protein

Cat RP04612

Size 0.02 mg (E-Coli)/ 0.02 mg (Yeast)/ 0.1 mg (E-Coli)/ 0.1 mg (Yeast)/ 0.02 mg (Baculovirus)/ 0.02 mg (Mammalian-Cell)/ 0.1

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

Full Product Name

Recombinant Arabidopsis thaliana Probable pectinesterase 68 (PME68)

Product Gene Name

PME68 recombinant protein

Product Synonym Gene Name

PME68

Purity

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

Sequence

FRFSLVAACS NSTDDQQIQH HHRKWWGPS GHKVITVSLN GHAQFRSVQD AVDSIPKNNN KSITIKIAPG
FYREKVVVPA TKPYITFKGA GRDVTAIEWH DRASDLGANG QQLRTYQTAS VTVYANYFTA RNISFTNTAP
APLPGMQGWQ AVAFRISGDK AFFSGCGFYG AQDTLCDDAG RHYFKECYIE GSIDFIGNG RSMYKDCELH
SIASRFGSIA AHGRTCPEEK TGFAFVGCRV TGTGPLYVGR AMGQYSRIVY AYTYFDALVA HGGWDDWDHK
SNKSKTAFFG VYNCYGPGAA ATRGVSWARA LDYESAHPFI AKSFVNGRHW IAPRDA

Sequence Positions

27-362, 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

40,042 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

NCBI Accession

NP_199561.1

NCBI GI

15238111

NCBI GenBank Nucleotide

NM_124123.5

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY

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(*Yeast*)/ 0.02 mg (*Baculovirus*)/ 0.02 mg (*Mammalian-Cell*)/ 0.1

mg (*Baculovirus*)/ 1 mg (*E-Coli*)/ 1 mg (*Yeast*)/ 0.1 mg
(*Mammalian-Cell*)/ 1 mg (*Baculovirus*)/ 0.5 mg (*Mammalian-Cell*)

NCBI GeneID

834800

NCBI Official Full Name

Pectin lyase-like superfamily protein

NCBI Official Symbol

PME5

NCBI Official Synonym Symbols

MNJ7.9; MNJ7_9; pectin methylesterase 5

NCBI Protein Information

Pectin lyase-like superfamily protein

NCBI Summary

predicted to encode a pectin methylesterase

UniProt Gene Name

PME68

UniProt Synonym Gene Names

ARATH68; PE 68; AtPME68

UniProt Protein Name

Probable pectinesterase 68

UniProt Synonym Protein Names

Pectin methylesterase 68; AtPME68

UniProt Primary Accession

Q8LPF3

UniProt Secondary Accession

Q9FGK7

UniProt Related Accession

Q8LPF3

UniProt Comments

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

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