

Probable pectinesterase 29 (PME29), Recombinant Protein

Cat RP05268

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 29 (PME29)

Product Gene Name

PME29 recombinant protein

Product Synonym Gene Name

PME29

Purity

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

Sequence

KPFGVYQQQV FVDQSGHGNF TTIQKAIDSV PINNRHWFFI NVKAGLYREK IKIPYEKPMI VLVGAGKRLT
RVEWDDHYSV AQSPTFSTLA DNTVVKSITF ANSYNFPSPG KMNKNPRTPA VAALIGGDKS AFYSVGFAGI
QDTLWDFDGR HYFHRCTIQG AVDFIFGTGQ SIYQSCVIQV LGGQLEPGLA GYITAQGRN PYDANGFIFI
NCLVYGTGMA FLGRPWRGYS RVIFYNSNLT DVVVPEGWDA WNFVGHENQL VFAEHGCFGS GANIGRRVKW
VKKLSESAIQ NLADLSFINR GGWVEDLPI A

Sequence Positions

25-335, 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

37,272 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_189055.1

NCBI GI

15229583

NCBI GenBank Nucleotide

NM_113318.2

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY

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

NCBI GeneID

821999

NCBI Official Full Name

Pectin lyase-like superfamily protein

NCBI Official Symbol

AT3G24130

NCBI Protein Information

Pectin lyase-like superfamily protein

UniProt Gene Name

PME29

UniProt Synonym Gene Names

ARATH29; PE 29; AtPME29

UniProt Protein Name

Probable pectinesterase 29

UniProt Synonym Protein Names

Pectin methylesterase 29; AtPME29

UniProt Primary Accession

Q4PSN0

UniProt Secondary Accession

Q9LRN4

UniProt Related Accession

Q4PSN0

UniProt Comments

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

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