

Probable pectinesterase 30 (PME30), Recombinant Protein

Cat RP04620

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

Full Product Name

Recombinant Arabidopsis thaliana Probable pectinesterase 30 (PME30)

Product Gene Name

PME30 recombinant protein

Product Synonym Gene Name

PME30

Purity

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

Sequence

EYCDDKQSCQ NLLLELKAGS SSLSEIRRRD LLIIVLKNSV RRIDMAMIGV MDDTKQHEEM ENDMLGVKED
TNLFEEMMES EENSHTWLSS VLTSYITCID EIGEGAYKRR VEPKLENLIS RARVVLALFI SISLRDNTL
ISVIPNGPSW LFHVDKKDLY LNAEIADVVV AKDGTGKYST VNAAIAAAPQ HSQKRFVIYI KTGIYDEIVV
IENTKPNLTL IGDGQDLTII TGNLSASNVR RTYNTATVAS NGNGFIGVDM CFRNTAGPAK GPAVALRVSG
DMSVIYRCRV EGYQDALYPH SDRQFYRECF ITGTVDFICG NAVAVFQFCQ IVARQPKMGQ SNVITAQSRA
TKDVKSGFSI QNCNITTSSD LDTATVKTYL GRPWRRFSTV AVLQSFIGDL VDPAGWTPWK GETGLSTLHY
REYQNRGPGA VTSRRVKWSG FKVMKDPKKA TEFTVAKLLD GETWLKESRI PYESGL

Sequence Positions

22-497, 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

55,459 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_189437.1

NCBI GI

15232875

NCBI GenBank Nucleotide

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY

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

mg (Yeast)/ 1 mg (Baculovirus)/ 0.5 mg (Mammalian-Cell)

NCBI GeneID

822422

NCBI Official Full Name

Plant invertase/pectin methylesterase inhibitor superfamily

NCBI Official Symbol

AT3G27980

NCBI Protein Information

Plant invertase/pectin methylesterase inhibitor superfamily

UniProt Gene Name

PME30

UniProt Synonym Gene Names

ARATH30; PE 30; AtPME30

UniProt Protein Name

Probable pectinesterase 30

UniProt Synonym Protein Names

Pectin methylesterase 30; AtPME30

UniProt Primary Accession

Q3EAY9

UniProt Secondary Accession

A0MFT0

UniProt Related Accession

Q3EAY9

UniProt Comments

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

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