

Recombinant Full Length Arabidopsis Thaliana Probable Pectinesterase/Pectinesterase Inhibitor 13(Pme13) Protein, His-Tagged

Cat. No. RFL19176AF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Arabidopsis thaliana Probable pectinesterase/pectinesterase inhibitor 13(PME13) Protein (Q7Y201) (1-614aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Arabidopsis thaliana
Source	E.coli
ProteinLength	Full Length (1-614)
Form	Lyophilized powder
AA Sequence	MAFQDFDKIQERVNANRKRKFRKRIIVGTVSLLVVVAIVGGAFAYVAYEKRNEQQQ QQQ QAKNHNKSGSGNNVVKDSKKSPSPPTPSQKAPVSAAQSVKPGQGDKIIQTL CSSTLYMQ ICEKTLKNRTDKGFALDNPTTFLKSAIEAVNEDLDLVLEKVLCLKTENQD DKDAIEQCKL LVEDAKEETVASLNKINVTEVNSFEKVVPDLESWLSAVMSYQETCLD GFEEGNLKSEVKT SVNSSQVLTSNSLALIKTFTENLSPVMKVVERHLLDDIPSWVSN DDRRMLRAVDVKALKP NATVAKDGS GDDFTTINDALRAMPEKYEGRYIIYVKQGIYDE YVTVDKKKANLTMVGDGSQ KTIVTGNKSHAKKIRFTLTATFVAQGEGFMAQSMGFR NTAGPEGHQAVAIRVQSDRSIFL NCRFEGYQDTLYAYTHRQYYRSCVIVGTIDFIFG DAAAIQNCNIFIRKGLPGQKNTVTA QGRVDKFQTTGFVHNCKIAANEDLKPVKKEE YKSYLGRPWKNYSRTIIMESKIENVIDPV GWLRWQETDFAIDTLYYAEYNNKGSSGD

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	TTSRVKWPGFKVINKEEALNYTVGPFLQGDWI SASGSPVKLGLYDA
Purity	Greater than 90% as determined by SDS-PAGE.
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.
Storage Buffer	Tris/PBS-based buffer, 6% Trehalose, pH 8.0
Reconstitution	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.
GENE INFORMATION	
Gene Name	PME13
Synonyms	PME13; ARATH13; At2g26450; T9J22.12; Probable pectinesterase/pectinesterase inhibitor 13 [Includes: Pectinesterase inhibitor 13; Pectin methylesterase inhibitor 13; Pectinesterase 13; PE 13; Pectin methylesterase 13; AtPME13]
UniProt ID	Q7Y201