

Recombinant Full Length Arabidopsis Thaliana Probable Pectinesterase/Pectinesterase Inhibitor 34(Pme34) Protein, His-Tagged

Cat. No. RFL31542AF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Arabidopsis thaliana Probable pectinesterase/pectinesterase inhibitor 34(PME34) Protein (Q9M3B0) (1-598aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Arabidopsis thaliana
Source	E.coli
ProteinLength	Full Length (1-598)
Form	Lyophilized powder
AA Sequence	MGYERLGP SGATGSVTTSTTTAPILNQVSTSEQPENNNRRSKKKLVSSIVLAISLILA A AIFAGVRSRLKLNQSVPLARKPSQAISKACELTRFPELCVDSLMDFPGLAASSS KDLI HVTVNMTLHHFHALYSSASLSFVDMPPRARSAYDSCVELLDDSDALSRALS SVVSSSA KPQDVTTWLSAALTNHDTCTEGFDGVDDGGVKDHMTAALQNLSELVSN CLAIFSASHDGD DFAGVPIQNRLLGVEEREKFFPRWMPKEREILEMPVSQIQADII VSKDGNGTCKTISE AIKKAPQNSTRRIIYVKAGRYEENNLKVGRKKINLMFVGDKG KTVISGGKSIFDNITT FHTASFAATGAGFIARDITFENWAGPAKHQAVLRIGADHAVI YRCNIIGYQDTLYVHSN RQFFRECDIYGTVDIFGNAAVVLQNCISIYARKPMDFQKN TITAQNRKDPNQNTGSIHA SRVLAASDLQATNGSTQTYLGRPWKLFRTVYMMYSYI GGHVHTRGWLEWNTTFALDTLYY GEYLN SGPGSGLGQRVSWPGYRVINSTAEAN

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	RFTVAEFIYGSSWLPSTGVSFAGLSI
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	PME34
Synonyms	PME34; ARATH34; At3g49220; F2K15.80; Probable pectinesterase/pectinesterase inhibitor 34 [Includes: Pectinesterase inhibitor 34; Pectin methylesterase inhibitor 34; Pectinesterase 34; PE 34; Pectin methylesterase 34; AtPME34]
UniProt ID	Q9M3B0

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