

Recombinant Full Length Arabidopsis Thaliana Probable Pectinesterase/Pectinesterase Inhibitor 21(Pme21) Protein, His-Tagged

Cat. No. RFL9228AF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Arabidopsis thaliana Probable pectinesterase/pectinesterase inhibitor 21(PME21) Protein (Q8GX86) (1-669aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Arabidopsis thaliana
Source	E.coli
ProteinLength	Full Length (1-669)
Form	Lyophilized powder
AA Sequence	MSYGYDDESKRKRRYIVITISSVLLISMVAVTVGVSLNKHGDSKGAEVNASVKAV KD VCAPTDYRKTCEDTLIKNGKNTTDPMELVKTA FNVTMKQITDAAKKSQTIMELQK DSRTR MALDQCKELMDYALDELSNSFEELGKFEFHLLDEALINLRIWLSAAISHEETC LEGFQGT QGNAGETMKKALKTAIELTHNGLAIISEMSNFVGQM QIPGLNSRRLAEG FPSWVDQRGR KLLQAAAAYS DVKPDIVVAQD GSGQYKTINEALQFVPKKRNTTFV HIKAGLYKEYVQVN KTMSHLVFIGDGPDKTIISGNKNYKDGITTYRTATVAIVGNYFIA KNIGFENTAGAIKHQ AVAVRVQSDESIFFNCRFDGYQDTLYTHSHRQFFRDCTISGT IDFLFGDAAAVFQNCTLL VRKPLPNQACPITAHGRKDPRESTGFVFQGCTIAGEPDY LAVKETSKAYLGRP WKEYSRT IIMNTFIPDFVQPQGWQPWL GDFGLKTLFYSEVQN TGPGSALANRVTWAGIKTLSEEDIL KFTPAQYIQGDDWIPGKGV PYYTTGLLAGNPAA

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ATTTSPVSAAPGFSTFTDTSGADSIAP TASPAASPESSISMAYTGTASPESSIKVSS
STETASPESSFTEASTASPESSIMVASTES SGSFFSMFT

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 PME21

Synonyms PME21; ARATH21; At3g05610; F18C1.12; Probable pectinesterase/pectinesterase inhibitor 21 [Includes: Pectinesterase inhibitor 21; Pectin methylesterase inhibitor 21; Pectinesterase 21; PE 21; Pectin methylesterase 21; AtPME21]

UniProt ID [Q8GX86](#)

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