

Recombinant Full Length Arabidopsis Thaliana Probable Pectinesterase/Pectinesterase Inhibitor 46(Pme46) Protein, His-Tagged

Cat. No. RFL9730AF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Arabidopsis thaliana Probable pectinesterase/pectinesterase inhibitor 46(PME46) Protein (Q9FF78) (1-564aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Arabidopsis thaliana
Source	E.coli
ProteinLength	Full Length (1-564)
Form	Lyophilized powder
AA Sequence	MSSYGRLEHEQAKLEASRKTCKRIAIIAISSIVLCIVVGAVVGTTARDNSKKPPTEN N GEPI SVSVKALCDVTLHKEKCFETLGSAPNASRSSPEELFKYAVKVITELSKVLDG FSN GEHMDNATSAAMGACVELIGLAVDQLNETMTSSLKNFDDLRTWLSSVGTYQE TCMDALVE ANKPSLTTFGENHLKNSTEMTSNALAIITWLGKIADTVKFRRRRRLLETG NAKVVVADLPM MEGRRLLESGDLKKKATIVVAKDGS GSKYRTIGEALAEVEEKNEKP TIIYVKKGVYLENVR VEKTKWNVVMVGDGQSKTIVSAGLNFIDGTPTFETATFAVFG KGF MARDMGFINTAGPAK HQAVALMVSADLSVFYKCTMDAFQDTMYAHAQRQFY RDCVILGTVDFIFGNAAVVFQKCE ILPRRPMKGQQNTITAQGRKDPNQNTGISIHNC TIKPLDNLTDIQTFLGRPWKDFSTTVI MKSFMDKFINPKGWLPTGDTAPDTIFYAEY LNSGPGASTKNRVKWQGLKTS LTKKEANK FTVKPFIDGNNWL PATKVPFNSDF

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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	PME46
Synonyms	PME46; ARATH46; At5g04960; MUG13.18; Probable pectinesterase/pectinesterase inhibitor 46 [Includes: Pectinesterase inhibitor 46; Pectin methylesterase inhibitor 46; Pectinesterase 46; PE 46; Pectin methylesterase 46; AtPME46]
UniProt ID	Q9FF78