

Recombinant Full Length Arabidopsis Thaliana Probable Pectinesterase/Pectinesterase Inhibitor 61(Pme61) Protein, His-Tagged

Cat. No. RFL7157AF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Arabidopsis thaliana Probable pectinesterase/pectinesterase inhibitor 61(PME61) Protein (Q9FK05) (1-587aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Arabidopsis thaliana
Source	E.coli
ProteinLength	Full Length (1-587)
Form	Lyophilized powder
AA Sequence	MGYDRLGPSGPSNPQNQKDPATSLPELQKKTCTKLILFTLAVLVGVVCFGIFAGIRAV DS GKTEPKLTRKPTQAISRTCSKSLYPNLCIDTLLDFPGSLTADENELIHISFNATLQK FSK ALYTSSTITYTQMPPRVRSAYDSCLELLDDSDALTRALSSVVVVSGDESHSDV MTWLSS AMTNHDTCTDGFDEIEGQGGEVKDQVIGAVKDLSEMVSNCIAIFAGKVK DLSGVPVVNNR KLLGTEETEELPNWLKREDRELLGTPTSAIQADITVSKDGSCTFKT IAEAIIKKAPEHSSR RFVIYVKAGRYEEENLKVGRKKTNLFIGDGKGKTVITGGKSIA DDLTTFHTATFAATGA GFIVRDMTFENYAGPAKHQAVLRVGGDHAVVYRCNIIGY QDALYVHSNRQFFRECEIYG TVDFIFGNAAVILQSCNIYARKPMAQQKITITAQNRKD PNQNTGISIHACKLLATPDLEA SKGSYPTYLGRPWKLYSRVYMMSDMGDHDIDPRG WLEWNGPFALDSLYYGEYMNKGLGSG IGQRVKWPGYHVITSTVEASKFTVAQFIS

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	GSSWLPSTGVSFFSGLSQ
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	PME61
Synonyms	PME61; ARATH61; At5g53370; K19E1.17; Probable pectinesterase/pectinesterase inhibitor 61 [Includes: Pectinesterase inhibitor 61; Pectin methylesterase inhibitor 61; Pectinesterase 61; PE 61; AtPMEpcrF; Pectin methylesterase 61; AtPME61]
UniProt ID	Q9FK05

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