Recombinant Full Length Arabidopsis Thaliana Putative Pectinesterase/Pectinesterase Inhibitor 45(Pme45) Protein, His-Tagged

Cat. No. RFL6095AF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Arabidopsis thaliana Putative pectinesterase/pectinesterase inhibitor 45(PME45) Protein (Q9SMY6) (1-609aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Arabidopsis thaliana
Source	E.coli
ProteinLength	Full Length (1-609)
Form	Lyophilized powder
AA Sequence	MAFQDFDKIQERVNAERKRKFRKRIILGVVSVLVVAAAIIGGAFAYVTYENKTQEQGK TT NNKSKDSPTKSESPSPKPPSSAAQTVKAGQVDKIIQTLCNSTLYKPTCQNTLKNE TKKDT PQTDPRSLLKSAIVAVNDDLDQVFKRVLSLKTENKDDKDAIAQCKLLVDEAK EELGTSMK RINDSEVNNFAKIVPDLDSWLSAVMSYQETCVDGFEEGKLKTEIRKNF NSSQVLTSNSLA MIKSLDGYLSSVPKVKTRLLLEARSSAKETDHITSWLSNKERRML KAVDVKALKPNATVA KDGSGNFTTINAALKAMPAKYQGRYTIYIKHGIYDESVIIDKKK PNVTMVGDGSQKTIVT GNKSHAKKIRTFLTATFVAQGEGFMAQSMGFRNTAGPEG HQAVAIRVQSDRSVFLNCRFE GYQDTLYAYTHRQYYRSCVIIGTVDFIFGDAAAIFQ NCDIFIRKGLPGQKNTVTAQGRVD KFQTTGFVIHNCTVAPNEDLKPVKAQFKSYLGR PWKPHSRTVVMESTIEDVIDPVGWLRW QETDFAIDTLSYAEYKNDGPSGATAARVK

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	WPGFRVLNKEEAMKFTVGPFLQGEWIQAIGS PVKLGLYDA
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℃/-80℃. Our default final concentration of glycerol is 50%. Customers could use it as reference.

GENE INFORMATION

Gene Name	PME45
Synonyms	PME45; ARATH45; At4g33230; F4I10.160; Putative pectinesterase/pectinesterase inhibitor 45 [Includes: Pectinesterase inhibitor 45; Pectin methylesterase inhibitor 45; Pectinesterase 45; PE 45; Pectin methylesterase 45; AtPME45]
UniProt ID	Q9SMY6

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