



Recombinant Arabidopsis thaliana Probable pectinesterase 53 (PME53)

Product Code	CSB-EP819815DOA-B
Abbreviation	PME53
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
Uniprot No.	Q8VYZ3
Product Type	Recombinant Protein
Immunogen Species	Arabidopsis thaliana (Mouse-ear cress)
Purity	>85% (SDS-PAGE)
Sequence	HT KGLRLRPRNQ KNMNTTSDRT QNPEDEFMKW VRFVGLSKHS VFKAANKLKF PSYTLTVHKK SNKGDFTKIQ DAIDSLPLIN FVRVVIKVHA GVYKEKVSIP PLKAFITIEG EGAEKTTVEW GDTAQTPDSK GNPMGTYN SAFAVNSPFFV AKNITFRNTT PVPLPGAVGK QAVALRVSD NAAFFGCRML GAQDTLYDHL GRHYKDCYI EGSVDFIFGN ALSLYEGCHV HAIADKLGAV TAQGRSSVLE DTGFSFVKCK VTGTGVLVYLG RAWGPF SRVV FAYTYMDNII LPRGWYNWGD PSREMTVFYQ QYKCTGAGAN YGGRVAVARE LTDEEAKPFL SLTFIDGSEW IKL
Source	E.coli
Target Names	PME53
Protein Names	Recommended name: Probable pectinesterase 53 Short name= PE 53 EC= 3.1.1.11 Alternative name(s): Pectin methylesterase 53 Short name= AtPME53
Expression Region	29-383
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	Full Length of Mature Protein
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.
Shelf Life	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.