



Recombinant Arabidopsis thaliana Polygalacturonase ADPG1 (ADPG1)

Product Code	CSB-YP519529DOA
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.	O23147
Product Type	Recombinant Protein
Immunogen Species	Arabidopsis thaliana (Mouse-ear cress)
Purity	>85% (SDS-PAGE)
Sequence	LSSNVDD GYGHEDGSFE SDSLLKLNND DVLSLISSDE TTLEASTVSV SNFGAKGDGK TDDTQAFKKA WKKACSTNGV TTFLVPKGKT YLLKSTRFRG PCKSLRNFQI LGTLSASTKR SDYKDKNHWL ILEDVNNLSI DGGSTGIING NGKTWWQNSC KIDKSKPCTK APTALTYNL KNLNVKNLRV KNAQQIQISI EKCNKVEVSN VEITAPGDSP NTDGIHITNT QNIRVSNSDI GTGDDCISIE DGTQNLQIFD LTCGPGHGIS IGSLGDDNSK AYVSGINVDG AKFSESDNGV RIKTYQGGSG TAKNIKFQNI RMENVKNPII IDQDYCDKDK CEDQESAVQV KNVVYKNISG TSATDVAITL NCSEKYP CQG IVLENVKIKG GTASCKNANV KNQGTVSPKC S
Source	Yeast
Target Names	ADPG1
Protein Names	Recommended name: Polygalacturonase ADPG1 Short name= AtADPG1 Short name= PG ADPG1 EC= 3.2.1.15 Alternative name(s): Pectinase ADPG1 Protein ARABIDOPSIS DEHISCENCE ZONE POLYGALACTURONASE 1
Expression Region	24-431
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.