



Recombinant Arabidopsis thaliana Polygalacturonase ADPG1 (ADPG1)

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| Product Code | CSB-EP519529DOA |
| 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 TTFLLVPGKGT YLLKSTRFRG PCKSLRNFQI LGTLSASTKR SDYKDKNHWL ILEDVNNLSI DGGSTGIING NGKTWWQNSC KIDKSKPCTK APTALTYNL KNLNVKNLRV KNAQQIQISI EKCNKVEVSN VEITAPGDSP NTDGIHITNT QNIRVSNSDI GTGDDCISIE DGTQNLQIFD LTCGPGHGIS IGSLGDDNSK AYSVSGINVDG AKFSESDNGV RIKTYQGGSG TAKNIKFQNI RMENVKNPII IDQDYCDKDK CEDQESAVQV KNVVYKNISG TSATDVAITL NCSEKYPCCG IVLENVKIKG GTASCKNANV KNQGTVSPKC S |
| Source | E.coli |
| 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. |