



Recombinant Arabidopsis thaliana Probable pectate lyase 3 (AT59)

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| Product Code | CSB-EP868149DOA |
| Abbreviation | AT59 |
| 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. | Q9M9S2 |
| Product Type | Recombinant Protein |
| Immunogen Species | Arabidopsis thaliana (Mouse-ear cress) |
| Purity | >85% (SDS-PAGE) |
| Sequence | N VAVFDSYWTQ RQSDALKQTI GSYDPHPLNV TNHFNYHVNI AVDASESRND TRRELTQVRS GRKTHKSSGK CLAYNPIDNC WRCDRNWANN RKKLADCVLG FGRRTTGGKD GPIYVVKDAS DNDLINPKPG TLRHAVTRDG PLWIIFARSM IIKLQQELMI TSDKTIDGRG ARVYIMEGAG LTLQFVNNVI IHNIYVKHIV PGNGGLIRDS EAHIGLRTKS DGDGISLFGA TNIWIDHVSM TRCADGMIDA IDGSTAVTIS NSHFTDHQEV MLFGARDEHV IDKKMQITVA FNHFGKRLEQ RMPRCRYGTI HVVNNDYTHW EMYAIGGNMN PTIISQGNRF IAPPNEEAKQ ITKREYTPYG EWKSWNWQSE GDYFLNGAYF VQSGKANAWS SKPKTLPNK FTIRPKPGTM VRKLTMDAGV LGCKLGEAC |
| Source | E.coli |
| Target Names | AT59 |
| Protein Names | Recommended name: Probable pectate lyase 3 EC= 4.2.2.2 Alternative name(s): Pectate lyase A2 |
| Expression Region | 30-459 |
| 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.