



Recombinant Arabidopsis thaliana Probable pectate lyase 3 (AT59)

Product Code	CSB-EP868149DOA-B
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.