



Recombinant Arabidopsis thaliana Polygalacturonase At1g48100 (At1g48100)

Product Code	CSB-EP850080DOA
Abbreviation	At1g48100
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.	Q949Z1
Product Type	Recombinant Protein
Immunogen Species	Arabidopsis thaliana (Mouse-ear cress)
Purity	>85% (SDS-PAGE)
Sequence	RYH YHKGRHGVTH PLPPPPPPPL ETANPPDQVP SDPYPSPDPA PGDSDSGCVF DVTSFGAVGD GSCDDTAAFQ DAWKAACAVE SGVLAPEGG VFKITSTIFS GPCKPGLVFQ LDGVLMPDGD PEEWPEKDNK NQWLVFYRLD GFTFSGKGTV EGNGQKWWDL PCKPHRGPDG SSSSGPCASP TMIRFFMSNN IEVKGLRIQN SPQFHMKFDG CQGVLINEIQ ISSPKLSPNT DGIHLGNTRS VGIYNSVVSND GDDCISIGTG CSDVDIQGVT CGPSHGISIG SLGVHNSQAC VSNITVRNTV IRDSDNGLRV KTWQGGTGSV SNLLFENIQM ENVLNCIIVD QYYCQSKDCR NETSAVKVFD VEYRNIKGTY DVRSPPIHFA CSDTVACTNI TMSEVELLPE EGELVDDPFC WNAYGKQETL TIPPIDCLLD GSPVVEEAYD SNYGC
Source	E.coli
Target Names	At1g48100
Protein Names	Recommended name: Polygalacturonase At1g48100 Short name= PG EC= 3.2.1.15 Alternative name(s): Pectinase At1g48100
Expression Region	28-475
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.