



# Recombinant Arabidopsis thaliana Polygalacturonase At1g48100 (At1g48100)

<b>Product Code</b>	CSB-EP850080DOA-B
<b>Abbreviation</b>	At1g48100
<b>Storage</b>	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.
<b>Uniprot No.</b>	Q949Z1
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Arabidopsis thaliana (Mouse-ear cress)
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	RYH YHKGRHGVTH PLPPPPPPPL ETANPPDQVP SDPYPSDPDA 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 IRDSNGLRV KTWQGGTGSV SNLLFENIQM ENVLNCIIVD QYYCQSKDCR NETSAVKVFD VEYRNIKGTY DVRSPPIHFA CSDTVACTNI TMSEVELLPE EGELVDDPFC WNAYGKQETL TIPPIDCLLD GSPVVEEAYD SNYGC
<b>Source</b>	E.coli
<b>Target Names</b>	At1g48100
<b>Protein Names</b>	Recommended name: Polygalacturonase At1g48100 Short name= PG EC= 3.2.1.15 Alternative name(s): Pectinase At1g48100
<b>Expression Region</b>	28-475
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	Tag type will be determined during the manufacturing process.
<b>Protein Length</b>	Full Length of Mature Protein
<b>Reconstitution</b>	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.
<b>Shelf Life</b>	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.