



# Recombinant Arabidopsis thaliana Probable polygalacturonase At1g80170 (At1g80170)

<b>Product Code</b>	CSB-EP850085DOA-B
<b>Abbreviation</b>	At1g80170
<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>	Q94AJ5
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Arabidopsis thaliana (Mouse-ear cress)
<b>Purity</b>	≥85% (SDS-PAGE)
<b>Sequence</b>	NS FESLLQLPRR QSRSTRPRSE RLLHVGNFGEA KGNGVTDDTK AFADAWKTAC SSKVKTRILV PENYTCLLRP IDLSGPCKAR LTLQISGTII APNDPDVWEG LNRRKWLYFH GLSRLTVEGG GTVNGMGQEW WERSCKHNHS NPCRGAPTAL TFHKCKNMRV ENLNVIDSQQ MHIALTSCRR VTISGLK VIA PATSPNTDGI HISVSRGIVI DNTTVSTGDD CISIVKNSTQ ISISNIICGP GHGISIGSLG KSKSWEEVRD ITVDTAII SD TANGVRIKTW QGGGSLVSKI IFRNIKMN NV SNPIIIDQYY CDSRKPCANQ TSAISIENIS FVHVRGTSAS KEAIKISCSD SSPCRNILLQ DIDLEPSNGD GFTESFCWEA YGSSSGQVYP PPCLSDDTSF LEQSVQSGIT SAYL
<b>Source</b>	E.coli
<b>Target Names</b>	At1g80170
<b>Protein Names</b>	Recommended name: Probable polygalacturonase At1g80170 Short name= PG EC= 3.2.1.15 Alternative name(s): Pectinase At1g80170
<b>Expression Region</b>	29-444
<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.