



# Recombinant Arabidopsis thaliana Polygalacturonase ADPG2 (ADPG2)

<b>Product Code</b>	CSB-EP837295DOA-B
<b>Abbreviation</b>	ADPG2
<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>	Q8RY29
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Arabidopsis thaliana (Mouse-ear cress)
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	SRISPN VYDHSYKRFK SDSLIRRED ITGLRSFVRA SLRTPPTVSV SDFGAKGDGK TDDTQAFVNA WKKACSSNGA VNLLVPKGNT YLLKSIQLTG PCNSILTVQI FGTLASQKR SDYKDISKWI MFDGVNNLSV DGGDTGVVDG NGETWWQNSC KRNKAKPCTK APTALTFYNS KSLIVKNLKV RNAQQIQISI EKCSNVQVSN VVTAPADSP NTDGIHITNT QNIRVSESII GTGDDCISIE SGSQNVQIND ITCGPGHGSI IGSLGDDNSK AFVSGVTVDG AKLSGTDNGV RIKTYQGGSG TASNIFQNI QMDNVKNPII IDQDYCDKSK CTTEKSAVQV KNVVYRDISG TSASENAITF NCSKNYPCQG IVDLDRVNIKG GKATCTNANV VDKGAVLPQC NST
<b>Source</b>	E.coli
<b>Target Names</b>	ADPG2
<b>Protein Names</b>	Recommended name: Polygalacturonase ADPG2 Short name= AtADPG2 Short name= PG ADPG2 EC= 3.2.1.15 Alternative name(s): Pectinase ADPG2 Protein ARABIDOPSIS DEHISCENCE ZONE POLYGALACTURONASE 2
<b>Expression Region</b>	25-433
<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.