



# Recombinant Arabidopsis thaliana Endoglucanase 12 (At2g44540)

<b>Product Code</b>	CSB-YP524641DOA
<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>	O64889
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Arabidopsis thaliana (Mouse-ear cress)
<b>Purity</b>	≥85% (SDS-PAGE)
<b>Sequence</b>	TNYAEALQK SLLYFEAQRS GKLPNQKVT WRGDSALKDG SDAHIDLTGG YYDAGDNMKF GFPLAFTTTM LAWSNIEMGS ELRAHHEQGN SLRALKWATD YLIKAHPQPN VLYGQVGEEN SDHKCWMRPE DMTTPRTSYR IDAQHPGSDL AGETAAMAAA ASIAFAPFDK AYANILIGHA KDLFAFAKAH PGLYQNSITN AGGFYASSGY EDPELLWAAAW LHRATNDQIY LNYLTQASGT GGPRSVFAWD DKFVGAQVLM AKLALERKVG SNGKIAEYKS MAEQFICNCA QKGSNNVKKT PGGLLYFLPW>NNLQYTTTAS FVLSAYS SKYL TKAKASIQCP KGALQASDLL QIARSQVDYI LGSNPQKMSY MGVGVTNYPK KPHHRAASIV SIRKDKTPVT CSGGYDKWYN NPAPNPVLM GALVGGPNEN DVYGDERSNF QQAEPATVTV APFVGVLA AV F
<b>Source</b>	Yeast
<b>Target Names</b>	At2g44540
<b>Protein Names</b>	Recommended name: Endoglucanase 12 EC= 3.2.1.4 Alternative name(s): Endo-1,4-beta glucanase 12
<b>Expression Region</b>	32-491
<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.