



Recombinant Arabidopsis thaliana Endoglucanase 12 (At2g44540)

Product Code	CSB-EP524641DOA-B
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.	O64889
Product Type	Recombinant Protein
Immunogen Species	Arabidopsis thaliana (Mouse-ear cress)
Purity	≥85% (SDS-PAGE)
Sequence	TNYAEALQK SLLYFEAQRS GKLPNQKVT WRGDSALKDG SDAHIDLTGG YYDAGDNMKF GFPLAFTTTM LAWSNIEMGS ELRAHHEQGN SLRALKWATD YLIKAHPQPN VLYGQVGEEN SDHKCWMRPE DMTTPRTSYR IDAQHPGSDL AGETAAAMAA ASIAFAPFDK AYANILIGHA KDLFAFAKAH PGLYQNSITN AGGFYASSGY EDPELLWAAAW LHRATNDQIY LNYLTQASGT GGPRSVFAWD DKFVGAQVLM AKLALERKVG SNGKIAEYKS MAEQFICNCA QKGSNNVKKT PGGLLYFLPW>NNLQYTTTAS FVLSAYS SKYL TKAKASIQCP KGALQASDLL QIARSQVDYI LGSNPQKMSY MVGVGTNYPK KPHHRAASIV SIRKDKTPVT CSGGYDKWYN NPAPNPVLM GALVGGPNEN DVYGDERSNF QQAEPATVTV APFVGVLA AV F
Source	E.coli
Target Names	At2g44540
Protein Names	Recommended name: Endoglucanase 12 EC= 3.2.1.4 Alternative name(s): Endo-1,4-beta glucanase 12
Expression Region	32-491
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.