



# Recombinant Arabidopsis thaliana Glucan endo-1,3-beta-glucosidase 13 (At5g56590)

<b>Product Code</b>	CSB-EP861817DOA
<b>Abbreviation</b>	At5g56590
<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>	Q9FJU9
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Arabidopsis thaliana (Mouse-ear cress)
<b>Purity</b>	≥85% (SDS-PAGE)
<b>Sequence</b>	GGKVGVCY GRSADDLPTP SKVVQLIQQH NIKYVRIYDY NSQVLKAFGN TSIELMIGVP NSDLNAFSQS QSNVDTWLKN SVLPYYPTTK ITYITVGAES TDDPHINASS FVVPAMQNVL TALRKVGLSR RIKVSTTSL GILSRSFPPS AGAFNSSYAY FLRPMLEFLA ENKSPFMIDL YPYAYRDSP NNVSLDYVLF ESSEVIDPN TGLLYKNMFD AQVDALYYAL TALNFRTIKI MVTETGWPTK GSPKEKAAAS SDNAETYNSN IIRHVVTNQG TPAKPGEAMN VYIFSLFNEN RKAGLDSERN WGLFYDPQTS VYQLDFTGKS NGFHSSSGT NSSGSSNSWC IASSKASERD LKGALDWACG PGNVDCTAIQ PSQPCFQPDT LVSHASFVFN SYFQQNRATD VACSFGGAGV KVNKDPSYDK CIYITAGGNK TKATNATALT S
<b>Source</b>	E.coli
<b>Target Names</b>	At5g56590
<b>Protein Names</b>	Recommended name: Glucan endo-1,3-beta-glucosidase 13 EC= 3.2.1.39 Alternative name(s): (1->3)-beta-glucan endohydrolase 13 Short name= (1->3)- beta-glucanase 13 Beta-1,3-endoglucanase 13 Short name= Beta-1,3- glucanase 13
<b>Expression Region</b>	23-471
<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.



## Shelf Life

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