



Recombinant Arabidopsis thaliana Glucan endo-1,3-beta-glucosidase 10 (At5g42100)

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|--------------------------|---|
| Product Code | CSB-EP887760DOA |
| Abbreviation | At5g42100 |
| 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. | Q9FHX5 |
| Product Type | Recombinant Protein |
| Immunogen Species | Arabidopsis thaliana (Mouse-ear cress) |
| Purity | >85% (SDS-PAGE) |
| Sequence | IGIN YGQVANNLPP PKNVIPLLKS VGATKVKLYD ADPQALRAFA GSGFELTVAL GNEYLAQMSD PIKAQGWVKE NVQAYLPNTK IVAIVVGNEV LTSNQSALTA ALFPAMQSIH GALVDCGLNK QIFVTTAHS� AILDVSYPPS ATSFRRDLLG SLTPILDFHV KTGSPILINA YPFFAYEENP KHVSLDFVLF QPNQGFTDPG SNFHVDNMLF AQVDAVYHAL DAVGISYKKV PIVVSETGWP SNGDPQEVGA TCDNARKYNG NLIKMMMSKK MRTPIRPECD LTIFVFALFN ENMKPGPTSE RNYGLFNPDG TPVYSLGIKT SSTHSSGSGS SNSTGGSSSSG GGGNTGGSSS GGGIYQPVTG NPSPDYMSIS S |
| Source | E.coli |
| Target Names | At5g42100 |
| Protein Names | Recommended name: Glucan endo-1,3-beta-glucosidase 10 EC= 3.2.1.39 Alternative name(s): (1->3)-beta-glucan endohydrolase 10 Short name= (1->3)-beta-glucanase 10 Beta-1,3-endoglucanase 10 Short name= Beta-1,3-glucanase 10 |
| Expression Region | 27-401 |
| 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.