



Recombinant Arabidopsis thaliana Myrosinase 5 (TGG5)

Product Code	CSB-EP666906DOA-B
Abbreviation	TGG5
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.	Q3ECS3
Product Type	Recombinant Protein
Immunogen Species	Arabidopsis thaliana (Mouse-ear cress)
Purity	>85% (SDS-PAGE)
Sequence	QKVCNPE CKAKEPFHCD NTHAFNRS GF PKNFTFGAAT SAYQIEGAAH RALNGWDYFT HRYPEKVPDR SSADLACDSY DLYKDDVKLL KRMNVQAYRL SIAWSRVLPK GRLTGGVDEN GITYYNNLIN ELKANGIEPY VTIFHWDVPQ TLEDEYGGFL STRIVEDYTN YAELLFQRF G DRVKFWITLN QPLSLALKGY GNGSYPPGRC TGCELGGDSG VEPYTVAHNQ LLAHAKTVSL YRKRYQKFQG GKIGTTLIGR W FVPLNEFSE LDKAAAKRAF DFFVGWFLDP L VYGKYPTIM REMVGDRLPE FTPEESALVK GSLDFLGLNY YVSQYATDAP PPTQPNAITD ARVTLGFYRN GSPIGVVASS FVYPPGFRQ ILNYIKDNYK NPLTYITENG VADLDLGNVT LATALADNGR IQNHCSHLSC LKCAMKDGCN VAGYFAWSLM DNYEFGNGYT LRFGMNWWNF TNPADRKEKA SGKWFSKFLA K
Source	E.coli
Target Names	TGG5
Protein Names	Recommended name: Myrosinase 5 EC= 3.2.1.147 Alternative name(s): Beta-glucosidase 35 Short name= AtBGLU35 EC= 3.2.1.21 Sinigrinase 5 Thioglucosidase 5
Expression Region	24-511
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.



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