



Recombinant Arabidopsis thaliana Exopolygalacturonase clone GBGA483 (At3g07850)

Product Code	CSB-EP342982DOA
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.	P49063
Product Type	Recombinant Protein
Immunogen Species	Arabidopsis thaliana (Mouse-ear cress)
Purity	>85% (SDS-PAGE)
Sequence	NGTPVVD KAKNAATAVE DTAKNAATAV GGAAASVGAK VSGAKPAAV DVKASGAKGD SKTDDSAFA AAWKEACAAG STITVPKGEY MVESLEFKGP CKGPVTLELN GNFKAPATVK TTKPHAGWID FENIADFTLN GNKAIFDGQG SLAWKANDCA KTGKCNLPI NIRFTGLTNS KINSITSTNS KLFHMMILNC KNITLSDIGI DAPPESLNTD GIHIGRSNGV NLIGAKIKTG DDCVSIKDG ENLIVENVEC GPGHGISIGS LGRYPNEQPV KGVTVRKCLI KNTDNGVRIK TWPGSPPGIA SNILFEDITM DNVSLPVLID QEYCPYGHCK AGVPSQVKLS DVTIKGIKGT SATKVAVKLM CSKGVPCNTI ALSDINLVHN GKEGPAVSAC SNIKPILSGK LVPAACTEVA KPGP
Source	E.coli
Target Names	At3g07850
Protein Names	Recommended name: Exopolygalacturonase clone GBGA483 Short name= ExoPG EC= 3.2.1.67 Alternative name(s): Galacturan 1,4-alpha-galacturonidase Pectinase
Expression Region	24-444
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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