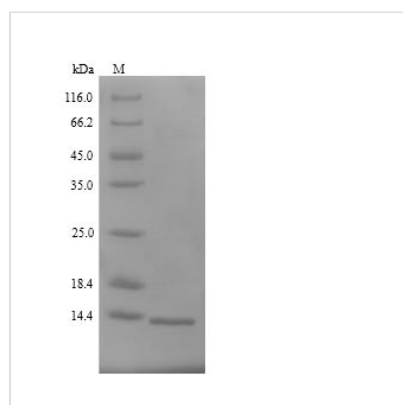




Recombinant Paenibacillus macerans Cyclomaltodextrin glucanotransferase, partial

Product Code	CSB-YP327084EQJ
Abbreviation	Recombinant Paenibacillus macerans Cyclomaltodextrin glucanotransferase protein, partial
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.	P31835
Alias	Cyclodextrin-glycosyltransferase Short name:CGTase
Product Type	Recombinant Protein
Immunogen Species	Paenibacillus macerans (Bacillus macerans)
Purity	Greater than 90% as determined by SDS-PAGE.
Sequence	VLTADQVTVRFKVNNTALGQNVYLTGNVAELGNWTAANAIGPMYNQVEAS YPTWYFDVSPANTALQFKFIKVN GSTVTWEGGNNHTFTSPSSGVATVTVDW QN
Research Area	Microbiology
Source	Yeast
Protein Names	Recommended name: Cyclomaltodextrin glucanotransferase EC= 2.4.1.19 Alternative name(s): Cyclodextrin-glycosyltransferase Short name= CGTase
Expression Region	608-713aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	N-terminal 6xHis-tagged
Mol. Weight	13.4kDa
Protein Length	Partial

Image



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.



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.