

Recombinant *B. macerans* Cyclomaltodextrin glucanotransferase Protein, His-tagged

Cat. No. CGTase-1177B **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant <i>Bacillus macerans</i> Cyclomaltodextrin glucanotransferase Protein (608-713aa) was expressed in yeast with N-terminal His tag.
Species	<i>B.macerans</i>
Source	Yeast
ProteinLength	608-713 a.a.
Form	Tris-based buffer, 50% glycerol.
Molecular Mass	13.4 kDa
AA Sequence	VLTADQVTVRFKVNNATTALGQNVYLTGNVAELGNWTAANAIGPMYNQVEASYPT WYFDVSV PANTALQF KFIKVNGSTVTWEGGNNHTFTSPSSGVATVTVDWQN
Purity	Greater than 90% as determined by SDS-PAGE.
Storage	The shelf life of liquid form is 6 months at -20 centigrade/-80 centigrade. The shelf life of lyophilized form is 12 months at -20 centigrade/-80 centigrade.

GENE INFORMATION

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Gene Name	Cyclomaltodextrin glucanotransferase
Official Symbol	Cyclomaltodextrin glucanotransferase
Synonyms	Cyclomaltodextrin glucanotransferase; EC= 2.4.1.19; CGTase; Cyclodextrin-glycosyltransferase; glucanotransferase; EC 2.4.1.19
UniProt ID	P31835

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