



Recombinant *Geobacillus stearothermophilus* Cellobiose-specific phosphotransferase enzyme IIA component (celD)

Product Code	CSB-EP676039GFM
Abbreviation	celD
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.	Q45402
Product Type	Recombinant Protein
Immunogen Species	<i>Geobacillus stearothermophilus</i> (<i>Bacillus stearothermophilus</i>)
Purity	>85% (SDS-PAGE)
Sequence	MQTYEQTVFQ LILHGGNGRS YAMEAITAAK KGEFAEARRL LEQAGAELQA AHGLQTALLQ QEASGGQPVV TLLMVHAQDH LMTAITVKDL AAEFVELYEA LKRQTTEs
Source	<i>E. coli</i>
Target Names	celD
Protein Names	Recommended name: Cellobiose-specific phosphotransferase enzyme IIA component EC= 2.7.1.- Alternative name(s): EIIA-Cel EIII-Cel PTS system cellobiose-specific EIIA component
Expression Region	1-108
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 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.