



Recombinant Bacillus subtilis Protein-glutamine gamma-glutamyltransferase (tgl)

Product Code	CSB-YP331217BRJ
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.	P40746
Product Type	Recombinant Protein
Immunogen Species	Bacillus subtilis (strain 168)
Purity	>85% (SDS-PAGE)
Sequence	MIIVSGQLLR PQDIENWQID QDLNPLLKEM IETPVQFDYH SIAELMFELK LRMNIVAAAK TLHKSGAKFA TFLKTYGNTT YWRVSPEGAL ELKYRMPPSK AIRDIAENGP FYAFECATAI VIIYYLALID TIGEDKFNAS FDRILYDWH YEKLPIYTET GHFFFLGDCL YFKNPEFDPQ KAQWRGENVI LLGEDKYFAH GLGILNGKQI IDKLNSFRKK GALQSAYLLS QATRLDVP SL FRIVR
Source	Yeast
Target Names	tgl
Protein Names	Recommended name: Protein-glutamine gamma-glutamyltransferase EC= 2.3.2.13 Alternative name(s): Transglutaminase Short name= TGase
Expression Region	1-245
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.