



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

Product Code	CSB-EP734241BQU-B
Abbreviation	tgl
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.	Q65FN2
Product Type	Recombinant Protein
Immunogen Species	Bacillus licheniformis (strain ATCC 14580 / DSM 13 / JCM 2505 / NBRC 12200 / NCIMB 9375 / NRRL NRS-1264 / Gibson 46)
Purity	≥85% (SDS-PAGE)
Sequence	MISVSGYRLR PEDIEKLNVS QTQRDIANRM LAMPSGYRYG SISELLFELR FREHTVKSAR ELINSKAKFA TFSKTYGNEE FWRVTPEGAL ELKYRAPASK AIRNIFESGP SYAFECATAI VIIFYMALLK TIGDQTFDRN YQRIILYDWH YERLPIYTDK GNDYLPDCL YFKNPEFDPS RPQWRGENAI LLENNLYAAH GLGILSGETI IEKLNGLRKP HAQTSAYLLS QVTRVDIPAL IQMIR
Source	E.coli
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.