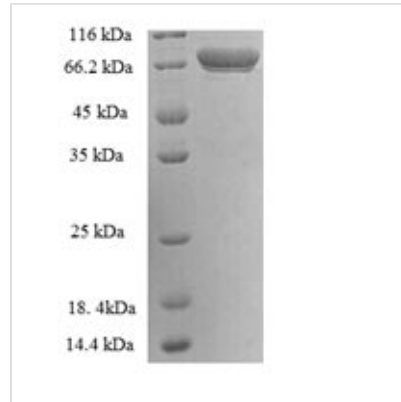




Recombinant Human Protein-glutamine gamma-glutamyltransferase 2 (TGM2), partial

Product Code	CSB-EP023462HU
Relevance	Catalyzes the cross-linking of proteins and the conjugation of polyamines to proteins.
Abbreviation	Recombinant Human TGM2 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.	P21980
Alias	Tissue transglutaminase; Transglutaminase C ;TG(C) ;TGC ;TGase C; Transglutaminase H ;TGase H; Transglutaminase-2 ;TGase-2
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	≥ 90% as determined by SDS-PAGE.
Sequence	ELVLERCDLELETNGRDHHTADLCREKLVVRRGQPFWLTLHFEGRNYEASVD SLTFSVVTGPAPSQEAGTKARFPLRDAVEEGDWTATVVDQQDCTLSLQLTTP ANAPIGLYRLSLEASTGYQGSSFVLGHFILLFNAWCPADAVYLDSEEERQEYVL TQQGFIYQGS AKFIKNIPWNFGQFEDGILDICLILLDVNPKFLKNAGRDCSRRSS PVYVGRVVSGMVN CND DQGVLLGRWDNNYGDGVSPMSWIGSV DILRRWKN HGCQRVKY GQCWVFAAVACTVLRCLGIPTRVVTNYNSAHDQNSNLLIEYFRN EFGEIQGDKSEMIWNFHCWVESW MTRPDLQPGYEGWQALDPTPQEKSEGTY CCGPVPVRAIKEGDLSTKYDAPFVFAEVNADVVDWIQQDDG SVHKSINRSLIV GLKISTKSVGRDEREDITHYKYPEGSS EEREAFT RANHLNKLAEKEETGMAM RIRVGQSMNMGSDFDVFAHITNNTAEEYVCRLLLCARTVSYNGILGPECGTKY LLNLNLEPFSGKALCS
Source	E.coli
Target Names	TGM2
Expression Region	4-544aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	N-terminal 6xHis-SUMO-tagged
Mol. Weight	76.9kDa
Protein Length	partial of Isoform 2
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 $-20^{\circ}\text{C}/-80^{\circ}\text{C}$. Our default final concentration of glycerol is 50%. Customers could use it as reference.

Shelf Life

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