

Active Recombinant Human TGM2 protein, His-tagged

Cat. No. TGM2-085H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human TGM2 protein(P21980-1)(Ala2-Ala687) is expressed from E.coli with His tag at the N-terminal.
Species	Human
Source	E.coli
ProteinLength	Ala2-Ala687
Form	Supplied as 0.22µm filtered solution in 20mM Tris, 500mM NaCl, 10% glycerol (pH 7.4). Please dilute to the desired concentration according to the concentration of the solution shown on the product label.
Bio-activity	Immobilized Human TGM2, His Tag at 0.5µg/ml (100µl/well) on the plate. Dose response curve for Anti-TGM2 Antibody, hFc Tag with the EC50 of 9.3ng/ml determined by ELISA.
Molecular Mass	The protein has a predicted MW of 78.4 kDa same as Tris-Bis PAGE result.
Endotoxin	Less than 1EU per µg by the LAL method.
Purity	> 95% as determined by Tris-Bis PAGE
Storage	Valid for 12 months from date of receipt when stored at -80°C. Recommend to aliquot the protein into smaller quantities for optimal storage. Please

 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

do not repeated freeze-thaw cycles.

Reconstitution

It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name TGM2 transglutaminase 2 [Homo sapiens (human)]

Official Symbol TGM2

Synonyms

TGM2; transglutaminase 2; TGC; tTG; G(h); hTG2; TG(C); protein-glutamine gamma-glutamyltransferase 2; C polypeptide, protein-glutamine-gamma-glutamyltransferase; TGase C; TGase H; TGase II; TGase-2; erythrocyte transglutaminase; heart G alpha(h); hhG alpha(h); isopeptidase TGM2; protein G alpha(h); protein-glutamine deamidase TGM2; protein-glutamine dopaminytransferase TGM2; protein-glutamine histaminytransferase TGM2; protein-glutamine noradrenalinytransferase TGM2; protein-glutamine serotonytransferase TGM2; tTgase; tissue transglutaminase; transglutaminase C; transglutaminase H; transglutaminase II; EC 2.3.2.13; EC 3.5.1.44

Gene ID 7052

mRNA Refseq NM_198951

Protein Refseq NP_945189

MIM 190196

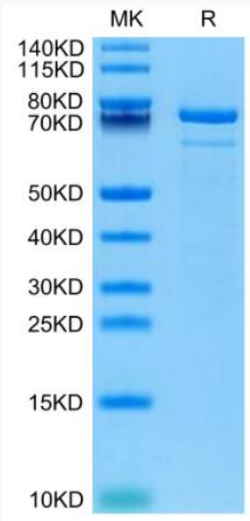
UniProt ID P21980

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

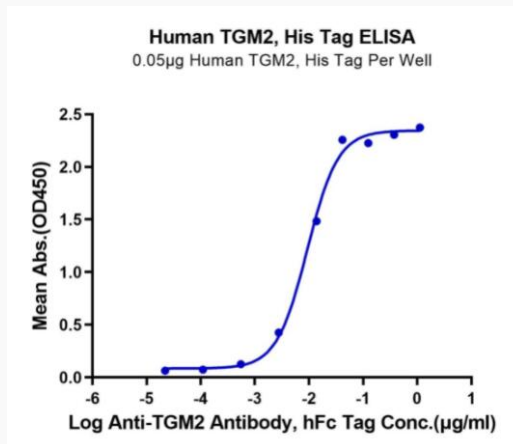
 Email: info@creative-biomart.com  Fax: 1-631-938-8127

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

Tris-Bis PAGE



ELISA Data



 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