

Tissue Transglutaminase Recombinant Protein | TGM2 recombinant protein

Recombinant Human Tissue Transglutaminase

CATALOG # AAA38730	HOST E. Coli
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PRODUCT SYNONYMS

Tissue Transglutaminase; Recombinant Human Tissue Transglutaminase; Protein-glutamine gamma-glutamyltransferase 2; EC 2.3.2.13; Tissue transglutaminase; TGase C; TGC; TG(C); Transglutaminase-2; TGase-H; TG2; TGM2; TGM2 recombinant protein

PRODUCT SPECIFICATIONS

Host	E. Coli
Purity/Purification	Greater than 95.0% as determined by SDS-PAGE.
Form/Format	TGM2 is supplied at a concentration of 1.0mg/ml in 16mM HEPES buffer pH-8.0, 400mM NaCl, and 20% glycerol.
Sequence Length	687
Physical Appearance	Sterile Filtered clear solution
Preparation and Storage	Store at 4 degree C if entire vial will be used within 2-4 weeks. Store, frozen at -20 degree C for longer periods of time. Avoid multiple freeze-thaw cycles.

ADDITIONAL INFORMATION

Related Product Information for TGM2 recombinant protein	Tissue Transglutaminase Human Recombinant produced in E Coli is a non-glycosylated, polypeptide chain having a molecular mass of 78,018 Dalton. tTG is expressed with a -6xHis tag and purified by proprietary chromatographic techniques. By point mutation of the active center the catalytic transglutaminase activity has been eliminated, resulting in increased stability during storage and coating.
Product Categories/Family for TGM2 recombinant protein	Enzymes

NCBI AND UNIPROT INFORMATION

NCBI GI #	39777597
NCBI GeneID	7052
NCBI Accession #	NP_004604.2
NCBI GenBank Nucleotide #	NM_004613.2
UniProt Accession #	P21980 ; Q16436 ; Q6B838 ; Q9BTN7 ; Q9UHQ5 ; E1P5V9
NCBI Official Full Name	protein-glutamine gamma-glutamyltransferase 2 isoform a
NCBI Official Synonym Full Names	transglutaminase 2
NCBI Official Symbol	TGM2
NCBI Official Synonym Symbols	TG2; TGC; GNAH; HEL-S-45; G-ALPHA-h
NCBI Protein Information	protein-glutamine gamma-glutamyltransferase 2; C polypeptide, protein-glutamine-gamma-glutamyltransferase; TG(C); TGase C; TGase H; TGase-2; TGase-H; epididymis secretory protein Li 45; tissue transglutaminase; transglutaminase C; transglutaminase H; transglutaminase-2

UniProt Protein Name	Protein-glutamine gamma-glutamyltransferase 2
UniProt Gene Name	TGM2
UniProt Synonym Gene Names	TG(C); TGC; TGase C; TGase H; TGase-2
UniProt Entry Name	TGM2_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/tgm2-recombinant-protein-e-coli/38730>