

Recombinant Human TGM2 protein, His-tagged

Cat. No. TGM2-922H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human TGM2 protein(NP_004604.2) (Met 1-Ala 687) was expressed in Insect Cells, with a polyhistidine tag at the N-terminus.
Species	Human
Source	Insect Cells
ProteinLength	1-687 aa
Form	Lyophilized from sterile 50mM Tris, 100mM NaCl, 2mM DTT, 10% glycerol, pH 8.0.
Molecular Mass	The recombinant human TGM2 consists of 705 amino acids and has a predicted molecular mass of 79.6 kDa. It migrates as an approximately 80 kDa band in SDS-PAGE under reducing conditions as estimated.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method.
Purity	> 97 % as determined by SDS-PAGE
Storage	Store it under sterile conditions at -20°C to -80°C upon receiving. Recommend to aliquot the protein into smaller quantities for optimal storage. Avoid 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.

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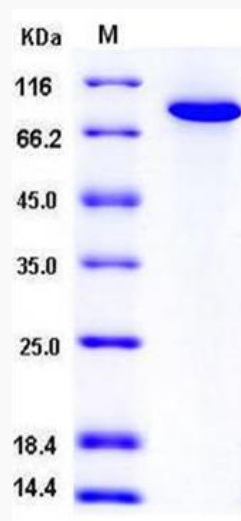
protein Refseq-Weblink	http://www.ncbi.nlm.nih.gov/protein/NP_004604.2
Unit ID	P21980
Unit ID-Weblink	https://www.uniprot.org/uniprotkb/P21980
GENE INFORMATION	
Gene Name	TGM2 transglutaminase 2 (C polypeptide, protein-glutamine-gamma-glutamyltransferase) [Homo sapiens]
Official Symbol	TGM2
Synonyms	TGM2; transglutaminase 2 (C polypeptide, protein-glutamine-gamma-glutamyltransferase); protein-glutamine gamma-glutamyltransferase 2; TGC; TG(C); TGase C; TGase H; TGase-2; TGase-H; C polypeptide; transglutaminase C; transglutaminase H; transglutaminase-2; tissue transglutaminase; protein-glutamine-gamma-glutamyltransferase; TG2; GNAH; G-ALPHA-h;
Gene ID	7052
mRNA Refseq	NM_004613
protein Refseq	NP_004604
MIM	190196

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SDS-PAGE



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