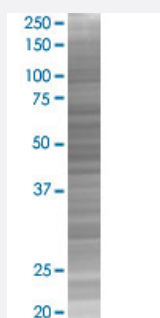


TGM2 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # H00007052-T03

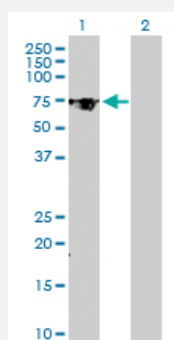
Size 100 uL

Applications



SDS-PAGE Gel

TGM2 transfected lysate.



Western Blot

Lane 1: TGM2 transfected lysate (61.70 KDa)

Lane 2: Non-transfected lysate.

Specification

Transfected Cell Line 293T

Plasmid pCMV-TGM2 full-length

Host Human

Theoretical MW (kDa) 61.7

Quality Control Testing

Transient overexpression cell lysate was tested with Anti-TGM2 antibody ([H00007052-D01P](#)) by Western Blots.

SDS-PAGE Gel

TGM2 transfected lysate.

Western Blot

Lane 1: TGM2 transfected lysate (61.70 KDa)

Lane 2: Non-transfected lysate.

Storage Buffer

1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue)

Storage Instruction

Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot

Gene Info — TGM2

Entrez GeneID[7052](#)**GeneBank Accession#**[NM_198951](#)**Protein Accession#**[NP_945189.1](#)**Gene Name**

TGM2

Gene Alias

G-ALPHA-h, GNAH, TG2, TGC

Gene Description

transglutaminase 2 (C polypeptide, protein-glutamine-gamma-glutamyltransferase)

Omim ID[190196](#)**Gene Ontology**[Hyperlink](#)**Gene Summary**

Transglutaminases are enzymes that catalyze the crosslinking of proteins by epsilon-gamma glutamyl lysine isopeptide bonds. While the primary structure of transglutaminases is not conserved, they all have the same amino acid sequence at their active sites and their activity is calcium-dependent. The protein encoded by this gene acts as a monomer, is induced by retinoic acid, and appears to be involved in apoptosis. Finally, the encoded protein is the autoantigen implicated in celiac disease. Two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq]

Other Designations

C polypeptide|OTTHUMP00000030960|TGase C|TGase-H|protein-glutamine-gamma-glutamyltransferase|tissue transglutaminase|transglutaminase 2|transglutaminase C

Disease

- [Celiac Disease](#)
- [Diabetes Mellitus](#)

- [Exfoliation Syndrome](#)
- [Genetic Predisposition to Disease](#)
- [Glaucoma](#)
- [Schizophrenia](#)