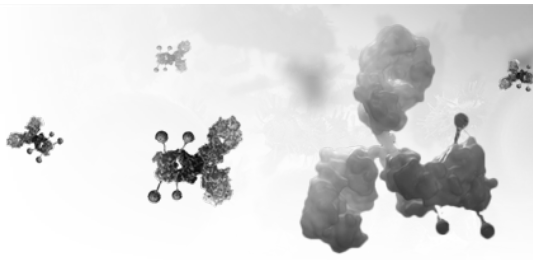

Human TGM2 blocking peptide (CDBP2963)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	Blocking/Immunizing peptide for anti-TGM2 antibody
Antigen Description	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, Jul 2008]
Species	Human
Conjugate	Unconjugated
Applications	Apuri, BL, ELISA
Format	Lyophilized powder
Size	100 µg
Preservative	None
Storage	Shipped at ambient temperature, store at -20°C.

GENE INFORMATION

Gene Name	TGM2 transglutaminase 2 (C polypeptide, protein-glutamine-gamma-glutamyltransferase) [Homo sapiens]
Official Symbol	TGM2

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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;
Entrez Gene ID	7052
mRNA Refseq	NM_004613
Protein Refseq	NP_004604
UniProt ID	P21980
Chromosome Location	20q12
Pathway	Huntingtons disease, organism-specific biosystem; Huntingtons disease, conserved biosystem; Thromboxane A2 receptor signaling, organism-specific biosystem;
Function	GTP binding; metal ion binding; protein binding; protein domain specific binding; protein-glutamine gamma-glutamyltransferase activity; transferase activity, transferring acyl groups;

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