

Recombinant Human TGM3 Protein, MYC/DDK-tagged

Cat. No. TGM3-901H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant human TGM3 protein, fused to MYC/DDK tag at C-terminus, was expressed in HEK293.
Species	Human
Source	HEK293
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 consists of two polypeptide chains activated from a single precursor protein by proteolysis. The encoded protein is involved the later stages of cell envelope formation in the epidermis and hair follicle. [provided by RefSeq, Jul 2008]
Form	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10 % glycerol.
Molecular Mass	76.5 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration	>50 ug/mL as determined by microplate BCA method

GENE INFORMATION

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Gene Name	transglutaminase 3[Homo sapiens]
Official Symbol	TGM3
Synonyms	TGE
Gene ID	7053
mRNA Refseq	NM_003245.3
Protein Refseq	NP_003236
MIM	600238
UniProt ID	Q08188

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