

Recombinant Full Length Human TGM7 Protein, C-Flag-tagged

Cat. No. TGM7-1848HFL Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human TGM7 Protein, fused to Flag-tag at C-terminus, was expressed in Mammalian cells.
Species	Human
Source	Mammalian Cells
Description	Transglutaminases (TGM; EC 2.3.2.13) are a family of structurally and functionally related enzymes that stabilize protein assemblies through the formation of gamma-glutamyl-epsilon lysine crosslinks. For additional background information on transglutaminases, see TGM1.
Form	25 mM Tris HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	79.8 kDa
AA Sequence	MDQVATLRLESVDLQSSRNKEHHTQEMGVKRLTVRRGQPFYLRLSFSRPFQSQN DHITFVAETGPKPSE LLGTRATFFLTRVQPGNVWSASDFTIDSNSLQVSLFTPANAVI GHYTLKIEISQGGHGSVTYPLGTFILL FNPWSPEDDVYLPSEILLQEYIMRDYGFVYK GHERFITSWPWNYGQFEEDIIDICFEILNKSLYHLKNPA KDCSQRNDVVYVCRVVSA MINSNDDNGVLQGNWGEDYSKGVSPLEWKGSVAILQQWSARGGQPVKYGQCW V FASVMCTVMRCLGVPTRVVSNFRSAHNVDRLNTIDTYDRNAEMLSTQKRDKIWNF HVVNECWMIRKDL PPGYNGWQVLDPTPQQTSSGLFCCGPASVKAIREGDVHLAY DTPFVYAEVNADEVIWLLGDGQAQEILAH NTSSIGKEISTKMVGSDQRQSITSSYKY PEGSPEERAVFMKASRKMLGPQRASLPFLDLLESGLRDQPA QLQLHLARIP EWG

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

QDLQLLLRIQRVPDSTHPRGPIGLVVRFCAQALLHGGGTQKPFWRHTVRMNLDFGK
 E TQWPLLLPYSNYRNKLTDEKLIRVSGIAEVEETGRSMLVLKDICLEPPHLSIEVSER
 AEVGKALRVHVTL TNTLMVALSSCTMVLEGSGLINGQIAKDLGTLVAGHTLQIQLDLY
 PTKAGPRQLQVLISSNEVKEIKGYK DIFVTVAGAP TRTRPLEQKLISEEDLAANDILD
 YKDDDDKV

Purity > 80% as determined by SDS-PAGE and Coomassie blue staining.

Stability Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.

Storage Store at -80 centigrade.

Concentration >50 ug/mL as determined by microplate BCA method.

Preparation Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.

Protein Families Druggable Genome

Full Length Full L.

GENE INFORMATION

Gene Name TGM7 transglutaminase 7 [Homo sapiens (human)]

Official Symbol TGM7

Synonyms TGMZ

Gene ID 116179

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

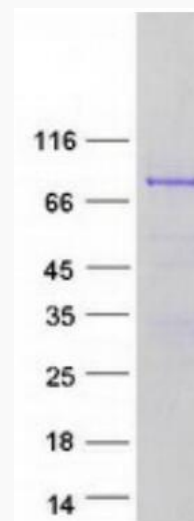
 45-1 Ramsey Road, Shirley, NY 11967, USA

mRNA Refseq [NM_052955.3](#)

Protein Refseq [NP_443187.1](#)

MIM [606776](#)

UniProt ID [Q96PF1](#)



Coomassie blue staining of purified TGM7 protein.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA