

Recombinant Human TGM2 protein, His-SUMO-tagged

Cat. No. TGM2-3574H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human TGM2 protein(P21980)(4-544aa), fused to N-terminal His-SUMO tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	4-544aa
Form	<p>If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol.</p> <p>If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.</p>
Molecular Mass	76.9 kDa
AA Sequence	<p>ELVLERCDLELETNGRDHHTADLCREKLVVRRGQPFWLTLHFEGRNYEASVDSLTF SVVTGPAPSQEAGTKARFPLRDAVEEGDWTATVVDQQDCTLSLQLTTPANAPIGLY RLSLEASTGYQGSSFVLGHFILLFNAWC PADAVYLDSEEERQEYVLTQQGFIYQGSA KFIKNIPWNFGQFEDGILDICLILLDVNPKFLKNAGRDCSRRSSPVYVGRVVS GMVNC NDDQG VLLGRWDNNYGDGVSPMSWIGSVDILRRWKNHGCQRVKYGGCWFVFAAV ACTVLRCLGIPTRVVTNYNSAHDQNSNLLIEYFRNEFGEIQGDKSEMIWNFHCWVES WMTRPDLQPGYEGWQALDPTPQEKSEGTYCCGPVPVRAIKEGDLSTKYDAPFVFA EVNADVVDWIQQDDGSVHKSINRSLIVGLKISTKSVGRDEREDITHYKYPEGSSEE REAFTRANHLNKLAEKEETGMAMRIRVGQSMNMGSDFDVFAHITNNTAEEYVCRL</p>

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LCARTVSYNGILGPECGTKYLLNLEPFSGKALCS

Purity Greater than 90% as determined by SDS-PAGE.

Storage Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.

Reconstitution Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%.

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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UniProt ID

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