Recombinant Human TGM4 protein(1-684aa), His-SUMO-tagged

Cat. No. TGM4-2145H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human TGM4 protein(P49221)(1-684aa), fused with N-terminal His and SUMO tag, was expressed in E.coli.
Species	Human
Source	E.coli
ProteinLength	1-684aa
Form	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.
Molecular Mass	90.1 kDa
Purity	Greater than 85% 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	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. 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.

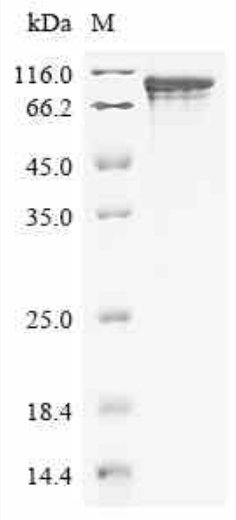
Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

AA Sequence	MMDASKELQVLHIDFLNQDNAVSHHTWEFQTSSPVFRRGQVFHLRLVLNQPLQSYH QLKLEFSTGPNPSIAKHTLVVLDPRTPSDHYNWQATLQNESGKEVTVAVTSSPNAIL GKYQLNVKTGNHILKSEENILYLLFNPWCKEDMVFMPDEDERKEYILNDTGCHYVGA ARSIKCKPWNFGQFEKNVLDCCISLLTESSLKPTDRRDPVLVCRAMCAMMSFEKGQ GVLIGNWTGDYEGGTAPYKWTGSAPILQQYYNTKQAVCFGQCWVFAGILTTVLRAL GIPARSVTGFDSAHDTERNLTVDTYVNENGEKITSMTHDSVWNFHVWTDAWMKRP DLPKGYDGWQAVDATPQERSQGVFCCGPSPLTAIRKGDIFIVYDTRFVFSEVNGDR LIWLVKMVNGQEELHVISMETTSIGKNISTKAVGQDRRRDITYEYKYPEGSSEERQV MDHAFLLLSSEREHRRPVKENFLHMSVQSDDVLLGNSVNFTVILKRKTAALQNVNIL GSFELQLYTGKKMAKLCDLNKTSQIQGQVSEVTLTLDSKTYINSLAILDDEPVIRGFIIA EIVESKEIMASEVFTSFQYPEFSIELPNTGRIGQLLVCNCIFKNTLAIPLTDVKFSLESL GISSLQTSDHGTVQPGETIQSQIKCTPIKTGPKKFIVKLSSKQVKEINAQKIVLITK

GENE INFORMATION

Gene Name	TGM4 transglutaminase 4 (prostate) [Homo sapiens]
Official Symbol	TGM4
Synonyms	TGM4; transglutaminase 4 (prostate); protein-glutamine gamma-glutamyltransferase 4; TGP; TG(P); TGase P; TGase-4; fibrinoligase; transglutaminase P; transglutaminase-4; prostate transglutaminase; prostate-specific transglutaminase; hTGP; FLJ26776;
Gene ID	7047
mRNA Refseq	NM_003241
Protein Refseq	NP_003232
MIM	600585

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UniProt ID	P49221
SDS-PAGE	

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