

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
QLKLEFSTGPNPSIAKHTLVLDPRTPSDHYNWQATLQNESGKEVTVAVTSSPNAIL
GKYQLNVKTGNHILKSEENILYLLFNPWCKEDMVFMPEDEDERKEYILNDTGCHYVGA
ARSIKCKPWNFGQFEKNVLDCCISLLTESSLKPTDRRDPVLVCRAMCAMMSFEKGQ
GVLIGNWTGDYEGGTAPYKWTGSAPILQQYYNTKQAVCFGQCWWFAGILTTVLRAL
GIPARSVTGFDSAHDTERNLTVDTYVNENGEKITSMTHDSVWNFHVWTDawMKRP
DLPKGYDGWQAVDATPQERSQGVFCCGPSPLTAIRKGDIFIVYDTRFVFSEVNGDR
LIWLKVMVNGQEELHVISMETTSIGKNISTKAVGQDRRRDITYEYKYPEGSSEERQV
MDHAFLLLSSEREHRRPVKENFLHMSVQSDDVLLGNSVNFTVILKRKTAALQNVNIL
GSFELQLYTGKKMAKLCDLNKTSQIQGQVSEVTLTLD SKTYINSLAILDDEPVIRGFIIA
EIVESKEIMASEVFTSFQYPEFSIELPNTGRIGQLLVCNCIFKNTLAIP LTDVKFSLESL
GISSLQTS DHGTVQPGETIQS QIKCTPIKTGPKKFIVKLSSKQVKEINAQKIVLITK

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; fibrinolyticase; transglutaminase P; transglutaminase-4; prostate transglutaminase; prostate-specific transglutaminase; hTGP; FLJ26776;

Gene ID 7047

mRNA Refseq NM_003241

Protein Refseq NP_003232

MIM 600585

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

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

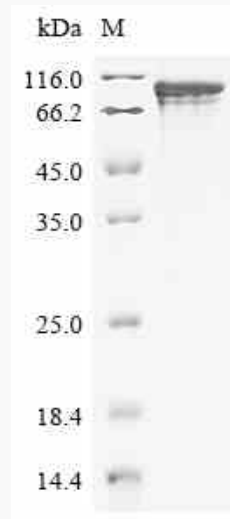
 45-1 Ramsey Road, Shirley, NY 11967, USA



UniProt ID

P49221

SDS-PAGE



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