

## Protein-glutamine gamma-glutamyltransferase 4 (TGM4) Recombinant Protein | TGM4 recombinant protein

Recombinant Human Protein-glutamine gamma-glutamyltransferase 4 (TGM4)

|                               |                                                                 |
|-------------------------------|-----------------------------------------------------------------|
| CATALOG #<br><b>AAA113589</b> | HOST<br><b>E Coli or Yeast or Baculovirus or Mammalian Cell</b> |
|-------------------------------|-----------------------------------------------------------------|

### PRODUCT SYNONYMS

Protein-glutamine gamma-glutamyltransferase 4 (TGM4); Recombinant Human Protein-glutamine gamma-glutamyltransferase 4 (TGM4); TGM4 recombinant protein

### PRODUCT SPECIFICATIONS

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
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| Host                    | E Coli or Yeast or Baculovirus or Mammalian Cell                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Purity/Purification     | Greater or equal to 85% purity as determined by SDS-PAGE.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Form/Format             | Lyophilized or liquid (Format to be determined during the manufacturing process)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Sequence Positions      | 1-684, Full length protein                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Sequence                | MMDASKELQV LHIDFLNQDN AVSHHTWEFQ TSSPVFRRGQ VFHLRLVLNQ PLQSYHQLKL EFSTGPNPSI<br>AKHTLVVLDP RTPSDHYNWQ ATLQNESGKE VTVAVTSSPN AILGKYQLNV KTGNIHLKSE ENILYLLFNP<br>WCKEDMVFMP DEDERKEYIL NDTGCHYVGA ARSIKCKPWN FGQFEKNVLD CCISLLTESS LKPTDRRDPV<br>LVCRAMCAMP SFEKGQGVLI GNWTGDYEGG TAPYKWTGSA PILQYYNTK QAVCFGQCWV FAGILTTVLR<br>ALGIPARSVT GFDSAHDTER NLTVDITYVNE NGEKITSMTN DSVWNFHWWT DAWMKRPDLP KGYDGWQAVD<br>ATPQERSQGV FCCGPSPLTA IRKGDIFIVY DTRFVFSEVN GDRLIWLVKM VNGQEELHVI SMETTSIGKN<br>ISTKAVGQDR RRDITYEYKY PEGSSEERQV MDHAFLLSS EREHRRPVKE NFLHMSVQSD DVLLGNSVNF<br>TVILKRKTAA LQNVNIGSF ELQLYTGKKM AKLCDLNKTS QIQGQVSEVT LTLDSTYIN SLAILDDEPV<br>IRGFIIAEIV ESKEIMASEV FTSFQYPEFS IELPNTGRIG QLLVCNCIFK NTLAIPLTDV KFSLESLSGIS<br>SLQTSDHGTV QPGETIQSQI KCTPIKTGPK KFIVKLSSKQ VKEINAQKIV LITK |
| Sequence Length         | 684                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Species                 | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Preparation and Storage | Store at -20 degrees C. For long-term storage, store at -20 degrees C or -80 degrees C. Store working aliquots at 4 degrees C for up to one week. Repeated freezing and thawing is not recommended.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |

### IMAGES



SDS-PAGE

NCBI AND UNIPROT INFORMATION

|                                  |                                               |
|----------------------------------|-----------------------------------------------|
| NCBI GI #                        | 156627577                                     |
| NCBI GeneID                      | 7047                                          |
| NCBI Accession #                 | NP_003232.2                                   |
| NCBI GenBank Nucleotide #        | NM_003241.3                                   |
| UniProt Accession #              | P49221; Q16707; Q96QN4                        |
| Molecular Weight                 | 77,145 Da                                     |
| NCBI Official Full Name          | protein-glutamine gamma-glutamyltransferase 4 |
| NCBI Official Synonym Full Names | transglutaminase 4                            |
| NCBI Official Symbol             | TGM4                                          |
| NCBI Official Synonym Symbols    | TGP; hTGP                                     |
| NCBI Protein Information         | protein-glutamine gamma-glutamyltransferase 4 |
| UniProt Protein Name             | Protein-glutamine gamma-glutamyltransferase 4 |
| UniProt Gene Name                | TGM4                                          |
| UniProt Synonym Gene Names       | TG(P); TGP; TGase P; TGase-4                  |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/tgm4-recombinant-protein-e-coli/113589>