

Product datasheet for **MC227937**

Tgm6 (NM_001289749) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Tgm6 (NM_001289749) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Tgm6
Synonyms:	TGM3L; TGY
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >MC227937 representing NM_001289749
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGGTGAACAGCAACAATGACCGAGGTGTGGTACAAGGCCAGTGGCAGGGCAAATATGGAGGTGGTACCA
 ACCCACTGAAGTGGCGTGGCAGTGTGGCCATCCTACAGAAGTGGTTCAAGGGCAGGTACAAGCCAGTCAA
 ATATGGCCAGTGTGGTCTTCGCTGGAGTCATGTGCACAGTCCCTCAGGTGCCTGGGGATCGCAACCAGG
 GTGGTGTCCAACCTCAACTCAGCCCACGACACCGATGGCAATCTGAGTGTGGACAAATATGTGGACTCTT
 ATGGCCGAACCCCTGGAGGACCTGACAGAAGACAGCATGTGGAACCTCCACGTCTGGAATGAGAGCTGGTT
 TGCACGACAGGACCTGGGCCATCCTATGATGGCTGGCAGGTTCTGGATGCCACTCCCAAGAGGAGAGC
 GAAGGTATGTTCCGGTGTGGTCTCGCTCGGTCACTGCCATCCGTAAGGTGACGTGCATCTAGCCCATG
 ATGGCCCTTCGCTTTGCGGAGGTCAATGCAGACTACATCACCTGGCTATGGCAGGAGACAAGAGGCG
 GGAGCGTGTGACTCGGACACCAAGAAGATCGGCAGGTGCATCAGTACCAAGGCAGTGGGCAGTACTCT
 CGTGTGGACATTACAGGCCTCTACAAGTATCCAGAAGGGTCCCGAAGGAGAGGCAGGTGTACAGCAAAG
 CTGTGAAGAACTGCTAAGTGTGGAAGCCTGGGGGAGGAGGAGGCGGATCCGAGGGCCAGCGTGCGCCG
 TGTCTGGCGCGACGACCTCCTGGAACCGGTACCAAACCCAGCATCACTGGCAAGTTCAAAGTGTGGAG
 CCACCGGTGCTCGGCCAGGACCTGAAGCTGGCTCTGTGCTTGACCAACCTCACCGCCAGGGCCCAGCGGG
 TCCGAGTCAATGTGAGCGGCCACCACCTCTATACCGCAAGCCTGTGGCAGAGATCTGCGTGAATC
 CCACACCGTGAAGCTGGGCCACTAGAAGAAAAGAAGTCCCAGTCACAATATCTTACTCTCAGTACAAA
 GGAGACCTGACAGAAGACAAGAAGATCCTGTTGGCTGCCATGTGCCTTGTGAGTAAAGGGCAGAAAGTCC
 TGGTGGAGAAGGACATTACCCTGGAGGACTTCATCACCATCAAGGTGCTGGGGCCAGCAGTGGTAGGAGT
 GACAGTCACTGTGGAAGTCTTGGTGATCAACCCCTCTCGGAGAGCGTAAAGGACTGTGTGCTGATGGTA
 GAGGGCAGTGGCCTTCTCCAAGGACAGTAAGTATTGAGGTGCCAGCTTGCAGCCTCAGGAGAAGCCT
 TGATTC AATTCAACATAACCCCTTCCAAGAGTGGCCCCAGGCAGTGCAGGTGGACCTTGTGAGCTCACA
 GTTCCAGACATCAAGGGCTTTGTGATCATCCACGTGGCTACAGCCAAG**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_001289749
- Insert Size:** 1452 bp
- OTI Disclaimer:** Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
- OTI Annotation:** Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
- Components:** The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).

Reconstitution Method:

1. Centrifuge at 5,000xg for 5min.
2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.
3. Close the tube and incubate for 10 minutes at room temperature.
4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.
5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.

RefSeq: [NM_001289749.1](#), [NP_001276678.1](#)

RefSeq Size: 2965 bp

RefSeq ORF: 1452 bp

Locus ID: 241636

Cytogenetics: 2 F1