

Product datasheet for **RN204151**

Tgfbr3 (NM_017256) Rat Untagged Clone

Product data:

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| Product Type: | Expression Plasmids |
| Product Name: | Tgfbr3 (NM_017256) Rat Untagged Clone |
| Tag: | Tag Free |
| Symbol: | Tgfbr3 |
| Synonyms: | betaglycan |
| Vector: | pCMV6-Entry (PS100001) |
| E. coli Selection: | Kanamycin (25 ug/mL) |
| Cell Selection: | Neomycin |



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Fully Sequenced ORF: >RN204151 representing NM_017256
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCAGTGACATCCCACCACATGATCCCGGTGATGGTTGTCCTGATGAGCGCCTGCCTGGCCACCGCCG
 GTCAGAGCCAGCACCCGGTGTGAACTGTACCAATCAACGCCTCTACCCAGTCCAGGCCTTGATGGA
 GAGCTTACCCTTCTGTCTGGCTGTGCCAGCAGAGGCACCACCGGCTGCCAAGGGAGGTCCATGTCCTA
 AACCTCCGAAGTACAGATCAGGGACCAGGCCAGCGGCAGAGAGAGGTTACCCTGCACCTGAACCCATTG
 CCTCGGTGCACACTACCACAAACCTATCGTGTTCTGCTCAACTCCCCCAGCCCTGGTGTGGCATCT
 GAAGACGGAGAGACTGGCCGCTGGTGTCCCAGACTCTTCTGGTTTCAGAGGTTTCTGTGGTCCAGTTT
 CCATCAGGAACTTCTCCTTGACAGCAGAAACAGAGGAAAGGAATTTCCCTCAAGAAAATGAACATCTGC
 TGGCTGGGCCAAAAGGAATATGGAGCAGTGACTTCGTTACCCGAACCTCAAGATAGCAAGAAACATCTA
 TATTAAGTGGGAGAAGATCAAGTGTTCCTCCTACGTGAACATAGGGAAGAATTTCTCTCACTCAAT
 TACCTTGGCCGAGTACCTCAACCCAAAGCCGCCGAAGGTTGTGTCTGCCAGTCAACCCATGAAAAGG
 AAGTACACATCATCGAGTTAATTACCCCGACTCGAACCCCTACAGCGCTTCCAGGTGGATATAATAGT
 TGACATACGACCTGCTCAAGAGGATCCCAGGTGGTCAAAAACCTTGTCCTGATCTTGAAGTGCAAAAAG
 TCTGTCAACTGGGTGATCAAGTCTTTGACGTCAAGGGAAACTTGAAAGTCATTGCTCCCAACAGTATCG
 GCTTTGGAAAAGAGAGTGAACGATCCATGACAATGACCAAATGGTAAGAGATGACATCCCTTCCACCCA
 AGAGAACTGATGAAGTGGGCACTGGACAATGGCTACAGGCCAGTGACGTATACACAATGGCTCCCGTG
 GCTAATAGATTTTCATCTTCGGCTTGAGAACAACGAGGAGATGAGAGATGAGGAAGTCCACACCATTCTC
 CTGAGCTTCGTATCCTGCTGGACCTGACCACCCGCCCTGGACAACCCACTTCCAGAGGGG
 AAGCCCAAATGGTGGTCTCCCTTTCCATTCCTCGGATATCCCCAGGAGAGGCTGGAAGGAGGGCGAAGAT
 AGGATCCCCCGGCCAAAGCAGCCATCGTTCACAGTGTCAACTGCTTCTGACCACCGAGAACCAGAAG
 AAGTGCAAGGGGGCGTGGACATCGCCCTGTGAGTCAAATGTGACCATGAAAAGATGGTCGTGGTGTAGA
 CAAAGACTCTTCCAGACCAATGGCTACTCAGGGATGGAGCTCACCTGTTGGATCCTTCGTGTAAGCC
 AAAATGAATGGTACTCACTTTGTTCTCGAGTCTCCCTGAATGGTGTGGTACTCGACATCGGAGGTGGA
 CCCCAGGATGGTGTGGTTACTATAACTCTATTGTTGTCAGGCTCCGTCCTCCGATAGCAGTGGCTG
 GCCTGATGGCTATGAAGACTTGGAGTCAAGCGATAATGGATTTCTGGAGACGGGATGAAGGAGAACT
 GCCCCCTGAGCCGAGCTGGAGTGGTGGTGTAACTGCAGCTTGCAGCAGCTGAGGAATCCAGTGGCT
 TCCAGGGCCAGCTCGATGGAAATGCTACCTTCAACATGGAGCTGTATAACACAGACCTTTTCTGGTGCC
 CTCCCCAGGGTCTTCTGTGGCAGAGAACGAGCATGTTTATGTTGAGGTGTCTGTCAACCAAGGCTGAC
 CAAGATCTGGGATTCGCCATCCAAACCTGCTTTCTCTCCATACTCCAACCCAGACAGAATGTCTGATT
 ACACCATCATCGAGAACATCTGTCCGAAAGACGACTCTGTGAAGTTCTACAGCTCCAAGAGAGTGCACCT
 TCCCATCCCGCATGTGAGGTGGACAAGAAGCGCTTCAGCTTCTGTTCAGTCTGTGTTCAACACCTCC
 CTGCTCTTCTGCACTGCGAGTTGACTCTGTGCTCCAGGAAGAAGGGCTCCCTGAAGCTGCCGAGGTGTG
 TGACTCCTGACGACGCTGCACTTCTCTCGATGCCACCATGATCTGGACCATGATGCAGAATAAGAAGAC
 ATTCAACAAGCCCCTGGCTGTGGTCTCCAGGTAGACTATAAAGAAAATGTTCCAGCACTAAGGATTCC
 AGTCCAATTCCTCCTCCTCCACAGATTTCCATGGCCTGGACAGCTCACCGTATGGCATTGTCAT
 TTGACGATTTGTGATCGGAGCGCTCCTGACGGGGCCTTGTGGTACATCTACTCCACACAGGGGAGAC
 AGCACGAAGGCAGCAAGTCCCTACCTCGCCGCCAGCCTCGGAGAACAGCAGCGGGCCACAGCATCGGC
 AGCACTCAGAGTACCCCTGCTTAGCAGCAGCACAGCC**TAG**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_017256
Insert Size: 2562 bp

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| 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). |
| 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: | <ol style="list-style-type: none">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_017256.1 , NP_058952.1 |
| RefSeq Size: | 3931 bp |
| RefSeq ORF: | 2562 bp |
| Locus ID: | 29610 |
| UniProt ID: | P26342 |
| Cytogenetics: | 14p22 |
| Gene Summary: | binds TGF-beta; may regulate TGF-beta receptor type II expression or ligand-binding activity [RGD, Feb 2006] |