

Product datasheet for **RN202786**

Tigd3 (NM_001107573) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Tigd3 (NM_001107573) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Tigd3
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN202786 representing NM_001107573
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGAGCTAAACACCAAGAAGAAGCTTACGCCCTGTCCCTGGCTGAGAAAATCCAGTTCTGGAACCT
 TGGATGAGTCCAAGATGTCCAGTCAGAGGTAGCACGGCGCTTCCAGGTCTCACAGCCCCAGATCTCAGG
 TATCTGCAAGAATAAGGAGAAGCTGTTGGCAGACTGGTGCAGTGGCACAGCCAACCATGAGCGGAAGCGG
 AAGCGTGAATCCAAATACAGTGGGATCGATGAGGCTCTACTCTGCTGGTACCACATTGCCCGAGCCAAGG
 CCTGGGATGTAACAGGGCCCATGTTGCTCCACAAGGCCAAGGAAGTACCGGATATCATGGCCAGGATTT
 CGTGCCACGATTGGCTGGCTGGTCCGCTGAAACGCCGAAACAATGTGGGCTTTGGGACTCGCCAGGTC
 CTTGTCCCTCTGCTCCCTCCTGAACCTCCTCCTGCAGTTTCCCCCTCAGGCCAGCCACCTCTTTCTC
 TTAAGACTTCTACCAGAAGATGTTTTGGCTGTGCCGAAGTACCCTTGTGTATCGAGCAGTGCCTGG
 CAGAGTGTGTAATGTGATCGGTTGCAAGTATTGCTGTGCGCCAACAGCAGAGGCACAGAAAAGAGAAGG
 GTATTTGTGGGTGGGCTCCAGCCTGCCCAAGATGCTTCTTTGGGGTCAACAGTGAAGGACTGCCTGCCT
 CTTATCACCTGACTTAGCCATTCCATGGTCAGAGTGGCTGGCACAGTTCGACCAGGACATGGGACAGCA
 GGGCCGACAGGTAGCCTTGTGTTGGCTTCTGGAGTGGTAGAGGAATGGGCCAGCCCTCCTGGACTCCAC
 CACGTGCGACTCCTGCCTCTCTCCACCTCCAGCACCCTCCTTCCCTGCCTGGCTCTGTGGTTTTGGCCT
 TTAAGGCCATTACCGTACCGTCTGCTGAGCAAAGTACCTGCCATGCAGAGTGGGAAAGAGGGTACCTC
 ACGTGTGAGGCCAGGGCCAACATCACAGTTTTGGATGCTCTGCATATGGTGGCTGCAGCTTGGGCCAAA
 GTACCTCGCCAGCTCATTTTGACCAGCTTCAATCAAGAAGGGCTCGCTCCGGGCAAAACACCCTGTCTC
 TGGACAAAGATACTGAGATGTCACCGTCCCTAGTGGGCTGAGCCAAGAGGAGTTTTCTCACTTTGTGGA
 CCTGGAGGATGAGGACCCAGGGCCTAGAGTATGCAAGAAGAGACCAGTACTGAAGACAATGGGAGAGAA
 GAAGATGGCTTTGAGTCCCTGCCACCAAAGCTGATGCCCTGAGGGCACTGTGCACCTTGAGGAGGTGGC
 TTGAATGCAACAGCACCTCTCCAGAAGCTTTCGAGAAATCTATGACTGTGAGGTGGAGGTGGAGCAGCT
 CTGCTGTCTG**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_001107573
- Insert Size:** 1413 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).
- 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_001107573.1, NP_001101043.1
RefSeq Size: 1586 bp
RefSeq ORF: 1413 bp
Locus ID: 309174
Cytogenetics: 1q43