

Product datasheet for **RN205148**

Tigd5 (NM_001126268) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Tigd5 (NM_001126268) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Tigd5
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN205148 representing NM_001126268
 Red=Cloning site Blue=ORF Orange=Stop codon

CTATAGGGCGGCCGGAATTCTGTCGACTGGATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCCGCGCGC
 GCCC

ATGTACCCCGCGAGCCCTTCAGCCGGCCAGCCTTGACCCGGTCCCTCATCGCGCTCGTCTTCCCGGC
 CCCGGTGCCTTGCAGAGCCACCGCGATCGCCGGCGCCCGGCGGTTCCACAGCGCGCCACCGCCCC
 AGCACCCGGGCCGAGGCCCGGGTGGCCGTGAAGATGACTTCCGTAAGGCCTACTCCATCAAAGACAAG
 CTACAAGCCATCGAGCGCGTCAAGGGCGGTGAGCGGCAGGCCAGCGTGTGCCGCGACTTTGGCGTGCCAG
 GAGGCACACTGCGCGGTGGCTCAAGGACGAGCCCAAGTTGCGCTGGTTTTGGACCAGCTAGGTGGAGA
 AGTGGGACGCGAGCAAGAAGATGCGTCTGGCCAACGAGGAGGAGATCGACCGCGCGTCTACTCGTGG
 TTCCTCACCTTGGCCAGCACGGCGTGCCACTGTCCGACCAAGTATCCAAGCTCAGGCTGAGGCCCTTTG
 CTCGCCAGATCTACGGCCCCGAGTGTACCTTCAAGGCTAGCCACGGCTGGTTCTGGCGCTGGCAGAAGCG
 CCATGGCATCTCTAGCCAGCGCATCTATGGTGAGGCTGAGCCCCGGTGCAGGACCCGCGCCTGTCAAA
 GAGGAGCCTGCGCAGCCCTCGAGCGCAGGTCTTCTACTTGACGGTACGCCGGCCACTCTACCCATTCCG
 AGGGTGGCTATGGCGACGAGCAGATCTACAATGCTAACGTTACTGGTCTTATTGGAGGTTACTCCGGA
 GCAGAACGCAACTCCGGGCACTGGGGAAGTCCAGGGAGCCTGGTGAAGTGCAGCCGGCGCTGGTGTAGCGAC
 CGAGTGACAGTACTGCTGGCTGCCAACCTGACGGGCAGCCACAAGCTAAAACCACTAGTCATCGGGCAGC
 TACCAGACCCACCCAGCCTGCGTCACCAACAACAGGACAAGTCCCAGCCTCCTACCGCTACAGTCCAGA
 TGCCTGGCTCAGCCGCCCTCTTCTCGGGGCTGGTTCTTCAGGAATTCGTCCCTGGTGTCAAGCGCTAC
 CTGCGCCGAAGCTGCCTGCAACAGAAGGCTGTGCTGCTGGTGGCCATCCACCCTGTCCAAGCTGGACCA
 CTAGCATGCCTGCCGTGGAGGAGAGCGAGGGGACTCCCAGGCAGTGCCAGCCTGAGCTCCTTGGGTCCCC
 AGAGGAGCTTCAAACACCTGATGGTGCGGTTTCAGTCTCTTCTTGTCAGGGGCAACAGCCGAGCACAC
 ATCCCTGCACCGTTGGAGCATGGTGTGGTGGCAGCCTTCAAGCATTGTACAAACGGGAGCTTCTGAGGC
 TTGCCGTGTCTTGTGCCAGTGGCTCTCCTCTGGACTTCATGAGGAGCTTCATGCTCAAGGACATGCTATA
 CCTGGCTGGCCTCTCTTGGGACTTGGTCCAGGCAGGCAGCATAGAGCGCTGCTGGCTGCTGGGTCTGCGA
 GCAGCCTTTGAGCCTGGGCAGCAGCCTGCCACCAGGTAGAGGAGGCTGCCGAACACAGCAGGATGCTCA
 GTGACCTCACACATCTGGCAGCTCTGGCTTACAAACGCCTGGCACCTGAAGAGGTGGCAGAGTGGCTACA
 CCTGGATGATGATGGAGGTCTCCCTGAGGGTTGCGGAGAAGAAGTGGCCCTGCAGCTCCTCCATCCCCA
 GCTAGCCTGCCCTCCAGCATTGGGGCTGGAGAGGAGGAGGAGAAGAGGCCACTGAACAAGGAGGAGTTT
 TGGTCCCCACTGCTGGGGAAGCTGTTTGGGGAAGTACAGACAGCTCTGAGGTGGTTGAAAGTCAGGATCC
 TAGAGAAGTGGGACCGCTGAGGCTTGTGCAGCTACGGTCCCTCATCACCATGGCACGGAGGCTTGGGGGC
 ATTGGCCCTCAGCAGCAGCTTCTGATGATGGTGTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: AscI-MluI

ACCN: NM_001126268

Insert Size: 1929 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_001126268.2](#), [NP_001119740.1](#)

RefSeq Size: 2545 bp

RefSeq ORF: 1929 bp

Locus ID: 300034

UniProt ID: [B1WC39](#)

Cytogenetics: 7q34