

Product datasheet for **MC217384**

Tigd4 (NM_207278) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Tigd4 (NM_207278) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Tigd4
Synonyms:	C130063O11Rik; Gm418
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >MC217384 representing NM_207278
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCAGAAGCCTCTGTGGATATCGGGACTCAGCCGTAACCGTGAAGAAAAAGAAGAGCCTGTCCATCG
 AGGAGAAGATTGACATCATAAATGCAGTGGAAAGTGGCAAGAAAAAGGCAGAGATTGCAGCTGAATATGG
 CATAAAGAAAAATTCATTGTCTTCCATTATGAAAAACAAAGACAAAGTTCTAGAAGCCTTTGAGTCTTTG
 AGATTTGATCCGAAGAGAAAAAGACTGAGAACAGCGTTTTATACGGATCTAGAAGAAGCATTGATGAGGT
 GGTATCGGATTGCTCAGTGTCTAAACGTTCCAGTTAATGGCCGATGTTGCGTCTAAAAGCTAATGATTT
 TGCCAGAAAGCTGGGACACAATGATTTTAAAGTGCAGCAATGGTTGGCTGGATCGTTTTAAGTCCAGGTAT
 GGCTTAGTATTCAGAGCACAAACCGTAGAAGCCACGGGTATATCTATAGACCCTTCCACTGTGTGGTACC
 AAAATGTGCTACCTTATTACTTAAATGATTATCATCTAAAAATGTTTTCAATGTAAAAGAGACTGGGTT
 GCTTTATCGAATGTTACCTACAAATACTTTTGCATTCAAAGGGGAAACATGCTCAGTTGGAAAGTTGTGC
 AAAGACAGGATAACGCTGGCACTCGGAACAAATATGGATGGCTCTGAGAAGCTCCCTTTGCTGATCATCG
 GGAAAAACCGAGCCCGGTTGTTTCAAGGGCATAAAAATCATTGCCTGTGTACTATGAAGCTAACAGAAC
 GGCGTGGATGACCGCAGCCATATTCGAGCAGTGGATGCAGAAGCTGGATGAGAAATCCAAGCCAGAAA
 CGAAGAGTGGTGATTTTTGTTGACTCTTGCCCGCACATCCGGAAGTGA AAAACCTAAAGTCCATTGAGT
 TGGCATTCTTCCCGTCATGCTTGTCTTCCGGGTTTGCAGCTATGAATCAAGGTGTTATTAAGGCCTTAA
 AATCAAATATCGGCATTGCTTATCAAGAAATTTTAAAGTTCAGTCGAAAGTAGCAAAGAGTTTACATTT
 TCTCTTAGATGCAGTTGATACATTGCATCTCTGCTGGAGAGCTGTAAGTCCAGAGACTATTGTTAAAA
 GCTATGAAGAAGCAGGATTCAGGTTCTCAAAGGGAGAAAATGACACAGCCAATGCAGATGCTGCTGTTGC
 TCTTGACCTGACTGCCCATGCAGTGGGGCAGGAGTGGAGTTTCTTGAAGGCTTGTCCATAGAGGAATAC
 GCTGCCCTGGATGAGGACCTGGAGACTTGTGAAGCCACCCAGAAAGATGATGCCGAGTGGCCGGAGAAA
 GTAAGCAAGACGAAACTGGTCTTTATACTTCCGATGAAGAGGAGGAGGACAGCGGGCGCTAGAAGTGGA
 TCTGCCGTACCATCCAAGAAGGACGCGCTCTCAGCTGTAGGCACTCTGAAAAGTTTCTTAGAAGTAC
 GACCTGAATGATGAACCTCACGGTTCTTAGCAGACCTTGAAAACCTTTATTAACGCTTTGTCACCTAAGT
 AG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-Mlul

ACCN: NM_207278

Insert Size: 1542 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_207278.2](#), [NP_997161.1](#)

RefSeq Size: 3459 bp

RefSeq ORF: 1542 bp

Locus ID: 403175

UniProt ID: [Q8BUZ3](#)

Cytogenetics: 3 F1