

Product datasheet for **MC217466**

Tigd2 (NM_001081145) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Tigd2 (NM_001081145) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Tigd2
Synonyms:	3632410O17Rik
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >MC217466 representing NM_001081145
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGTTGGGAAACGTAACGTGTGGTCTGACAATTAAGACAACTTGACATTATAAGAAGCTTGAAG
 AAGGCAACTCCTTCAAAAACTTTCTGTCTGTATGGAATTGGTGAATCCACAGTTCGTGACATTA
 AAACAAAGAGAGAATTATAAACTATGCCAACAGTTCAGACCCAAGTGTGGGGTGTCCAAGCGTAAATCC
 ATGAAGTCGTCAACGTATGAGGAGCTTGACAGAGTGTATAGAAATGGTTAATCAACAGAAAACAGATG
 GCATTCAGTGTCTGGAACGATCTGTGCAAGCAGGCTAGGTTCTTCTCGATGCATTGGGCATGGAGGG
 TGATTTAATGCCTCTTCTGGCTGGCTTACTAGGTTAAGCAGCGCCACGGTATTCAAAGGCTGCAGGG
 AAAGGCACAAAATAAAAGGGGATGAACTGCTGCCAGTGAATTTGTGGTAACTTTCAGGAATTTGTGG
 AAAGAGAAAATCTCTACGAAACAGATTTATGGTGTGACCAAACTGGATTGTTCTGGAATGTCTACC
 AACGAGGACATTGGCTTTTGACACGGACCAGAGTACTTGTGAATATAGGACAAGCAGAGAAAAGAATCATT
 ATTATGTGTTGTGCAAAATGCCACAGTTACACAAGCTTAATCTCTGTGTTGTGGGAAAGCAAAAAGAC
 CCCGTGCATTCAAAGGACTGACCTTCAAACCTCCCTGTCACTTACTTCAGTCAAAAAAGTGCATGGAT
 CGAGCCATCTGTTCTCAAACAGTGGTTTAAAAGTGCTTTGTGCCACAGGTGCAGAAGCATCTGAAATCC
 AAAGGGCTTCGAGAAAAGCAGTACTACTTTTGGATTTTCTGCAGCACATCCAGCTGAAGAAGTCTGTA
 GCTCAGATGATGGCAGAATAATTGTGAAATATTTGCCACCAAACGTCACAAGTCTAATTCACCTATGAG
 CCAGGGAGTTCTAACACAGTCAAAGATATTACCGAGCAGGACTTATCCAGAAGTACATGGATGAAGGA
 AATGACCCAAAACATTTTGAAGAATTTGACTGTGTTGGATGCAATTTATGAGGCATCAAGAGCCTGGA
 ACCAGATAAGATCAAACACCATAACAGAGCGTGGAAAAAATTTCCCTGGCAATGAGGAAAACCCGAG
 TGTGAGCATCGATGAAGGAGCCATTTTAGCAGCTAATTTAGCAACGGTTTTGCAGAATACTGAAGACTGT
 GAACATGTTAACATTGAAAATATTGAGCAGTGGTTTACTCTCGAGTAGTGGCTCAAACGTCAAGTGT
 TAGCTGACATTGTAGGTCTGCAGACCGGGCGAAGGTCACTGAGCAAAAACCTTCTAGGAAAAGTAGGAA
 AGCAGAAGTGAATCCAGAGAAGCATATTAGTCATAAAGCTGCACTTGAATGGACTGAAAAGTGTGGAT
 TATCTAGAACAACAAGATGACATGCTACTCTGATAAGCTGGTATTGCGGAGGCTTCGGACCATTATAA
 GAAGAAAACAGAGAATACAAAATAAAAGTCATCTA**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-Mlul

ACCN: NM_001081145

Insert Size: 1578 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_001081145.1](#), [NP_001074614.1](#)

RefSeq Size: 3007 bp

RefSeq ORF: 1578 bp

Locus ID: 68140

UniProt ID: [Q0VBL1](#)

Cytogenetics: 6 B3