

Product datasheet for **MC218766**

Tigd5 (NM_178646) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Tigd5 (NM_178646) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Tigd5
Synonyms:	AA409802; AA409995; A1666797
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >MC218766 representing NM_178646
 Red=Cloning site Blue=ORF Orange=Stop codon

GCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCCGGCGCCAGATCTC
 AAGCTTAACTAGCTAGCGGACCGAC

ATGTACCCCGCGAGCCCTCCGGCCGGCCAGCCCTGCACCCGGTCCCGCATCGCGCTCGTCTTCCCAGC
 CACGGTGCCTTGCTGAGCCGCGCGATCGCCGGCGCCGGCCGGTTCCACGGCGCCCGCCCGCCG
 CCCAGCGCCCGGGCCGGCCCGGGTGGCCGTGAAGATGACTTTCGCAAGGCCTACTCAATCAAAGAC
 AAGCTGCAAGCCATCGAGCGCGTCAAGGGCGGTGAGCGGCAGGCCAGCGTGTGCCGCGACTTCGGCGTGC
 CAGGGCGGACTCTGCGCGGCTGGCTCAAGGACGAGCCAAAGTGCCTGGTTTTTGGACCAGCTGGGTGG
 AGAAGTGGGCACGACGCAAGAAGATGCGTCTGGCCAACGAGGAGGAGATCGACCGCGCGCTACTCTG
 TGGTTCCTCACCTTGGCCAGCAGGTGTGCCGTATCCGGGCCAGTTATCCAAGCGCAGGCTGAGGCCCT
 TTGCTCGCCAGATCTACGGCCCCGAGTGTACCTCAAGGCTAGCCACGGTGGTTCTGGCGTGGCAGAA
 GCGCCATGGCATCTCTAGCCAGCGCATCTATGGTGAAGGCTGAGTCCCGGTGCGAGGCCCGCGCCCTGTC
 AAAGAGGAGCCGGCGCAGTCAACAGGCGAGTTCTCGTACCTGACGGCGCCAGCCACTTACCCCACT
 CCGAGGGCGGCTATGGGACGAGCAGATCTACAATGCTAACGTTACTGGTCTCTATTGGAGGTTACTTCC
 GGAGCAGGCCCTCAACTCCGGGACTGGGGACTCCAAAGAGCCTGGTGGGTGCAGCCGACGCTGGCGCAGT
 GACCGAGTGACAGTACTGCTGGCCGCAACCTGACGGGCAGCCACAAGCTGAAACCACTAGTCATCGGGC
 AGCTACCGGACCCACCCAGCCTGCGTCACCACAACCAGGACAAGTCCCGGCCTCCTACCCTACAGTCC
 GGATGCCTGGCTCAGTCGCCCCGTTCTTCGGGGCTGGTCTTCGAGGAATTTGTCCTGGCGTCAAGCGC
 TACCTGCGCCGAAGCTCCCTGGAGGAGAGCGAGGAGACTCCAGGCAGTGCCAGCCTGAGTCCCTGGGTC
 CCACTAGCATGCCTCCCTGGAGGAGAGCGAGGAGACTCCAGGCAGTGCCAGCCTGAGTCCCTGGGTC
 CCCAGAGGAACCTCAAACACCTGATGGTGCAGTTCGAGTGTCTTCTTATCCAAGGGCACCCAGCCGAGCA
 CACATCCCTGCACCGTTGGAGCACGGCGTGGTGGCAGCCTTCAAGCATTGTACAACGCGAGCTCTGC
 GGCTTGTGTGTCTTGTGCCAGTGGCTCCCTCTGGACTTCATGAGAAGCTTCGTTCTCAAGGACATGCT
 GTACCTGGCTGGCCTCTCTGGGACTTGGTCCAGGCAGGCAGCATAGAGCGCTGTGGCTGCTGGGTCTG
 CGAGCAGCCTTTGAGCCTGGGCAGCAGCCAGCTCACCAGGTAGAGGAGACTGCCGAACACAGCAGGGTGC
 TCAGTGACCTCACACATCTGGCAGCTCTGGCTTACAAGCGCTGGCACCTGAAGAGGTGGCCAGTGGCT
 ACACCTGGATGATGATGGAGGCCTCCGGAAGGCTGCAGAGAAGAGGTGGCCCCCGCTGCTCCTCCATCC
 CCAGCTAGCCTGCCCTTAGCATCGGGGCTGGAGAGGAGGAGGAGGAGGCCACCGAACAAGGAGGAGTGT
 TGGTACCTACTGCTGGGGAAGCTGTCTGGGACTAGAGACAGCTCTGAGGTGGCTAGAGAGCCAGGATCC
 CAGAGAAGTGGGGCCGCTGAGGCTTGTGCACTACGTTCTCTATTACCATGGCACGGAGGCTTGGGGGT
 ATTGGGCCCTCAGCTGTAACCTTCTGATGATGGTGTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: RsrII-MluI

ACCN: NM_178646

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_178646.4](#), [NP_848761.2](#)

RefSeq Size: 4851 bp

RefSeq ORF: 1929 bp

Locus ID: 105734

UniProt ID: [Q499M4](#)

Cytogenetics: 15 D3