

## Product datasheet for **MC219812**

### **Tiam1 (NM\_001145887) Mouse Untagged Clone**

#### **Product data:**

|                           |   |
|---------------------------|---|
| Product Type:             | Expression Plasmids                       |
| Product Name:             | Tiam1 (NM_001145887) Mouse Untagged Clone |
| Tag:                      | Tag Free                                  |
| Symbol:                   | Tiam1                                     |
| Synonyms:                 | AI847750; D16lum10; D16lum10e             |
| Mammalian Cell Selection: | Neomycin                                  |
| Vector:                   | pCMV6-Entry (PS100001)                    |
| E. coli Selection:        | Kanamycin (25 ug/mL)                      |



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**Fully Sequenced ORF:** >MC219812 representing NM\_001145887  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGTCTTCGCTGTGGAAGATCAAGCGCAAGCCAGGGTCGAGAGCGACAGGGCTGGCGACTCTCTACC  
 GCACACTTCACCTGAGCACAGAACAGGTTGCAGCGTTTTGCCGGAGTCTGCACGAGATGAGCCCCTCTGA  
 CTAAGCCCGTCCCCTCAGGATGCCACAAGCCCTCAGCTGGCAACCACACGACAGCTGTCGGATGCGGAT  
 AAGCTGCGCAAGGTGATCTGTGAACTGTGGAGACTGAACGCACCTATGTGAAAGACTTAAACTGCCTCA  
 TGGAGAGATACCTGAAGCCCTTCAGAAGGAGACCTTTCTCACCCAGGATGAGCTTGATGTACTTTTTGG  
 AAATTTAACCGAAATGGTGGAGTTTCAAGTCGAGTTTCTTAAGACTCTAGAAGATGGAGTAAAGACTGGTC  
 CCTGACTTGGAAAAGCTGGAGAAGTTGACCAGTTCAAGAAAGTGTCTTCTCTCTGGGGGGATCCTTCC  
 TGTACTACGCGGACCGCTTCAAGCTCTACAGTGCCTTCTGTGCGAGCCACACAAAAGTCCCCAAGGTCT  
 GGTGAAAGCCAAGACGGACACAGCCTTCAAGCGTTTCTCGATGCCAGAACCCGAGGCAGCAGCACTCA  
 TCACCGCTGGAGTCTTACCTCATCAAGCCATCCAGAGGGTCTCAAGTACCCGCTTCTGCTCAGGGAGC  
 TGTTTGGCTGACCGATGCGGAGAGCGAGGAACACTACCACCTGGACGTGGCCATCAAGACTATGAACAA  
 GGTCCGACGTACATCAATGAGATGCAGAAGATCCACGAAGAGTTTGGTGTGTGTTGACCAGCTGATT  
 GCTGAGCAGACGGGAGAGAAGAAAGAGTTGCAGATCTGAGCATGGGTGACCTGCTTGCACACCAGCG  
 TCATCTGGCTGAACCCACCCGCTCACTGGGAAAGTGGAAAAGGAGCCAGAATTAGCAGCCTTCGTCTT  
 CAAAACGGCCGTGGTCTTGTATATAAAGACGGTTCCAAGCAGAAGAAGAACTTGTGGCTCTCACAGG  
 CTGTCAATCTACGAGGAGTGGGACCTTTCCGGTTTCGCCACATGATCCCTACCGAAGCTTGCAGGTCC  
 GAGCTCTGCCAGTGCAGATGCAGAGGCAAATGCGGTATGCGAAATTGTCCACGTGAAATCAGAGTCAGA  
 AGGGAGGCCCGAGCGGGTTTTCCACCTCTGCTGCAGTTCCCGAGAGAGCAGAAAGGACTTTCTGAAGTCT  
 GTGCATTCGATCTGCGAGATAAACACAGAAGACAGCTCCTCAAAAACGGAAGCCTTCCGTCAGCCAGC  
 AGTATGTCCCCTTTGGAGGCAAGAGATTGTGTGCGCTTAAAGGCGCCAGGCCGGCCATGAGCAGGGCAGT  
 GTCTGCCCAAGCAAGTCTTTGGGAGGAGGAGCGGCGACTGGCCGAAACAGGTTTACCATCGATTCA  
 GACGCCATCTCAGCCAGCAGCCCGAGAAAAGAGCCCGAGCAGCCCGCGGTGGTGGGACACTGACCGAT  
 GGGTAGAGGAACAGTTCGATCTTGTCTCAGTACGAGGAGCAGGATGACATCAAGGAGACAGACATCCTCAG  
 TGACGATGACGAATTCTGTGAGTCCCTGAAGGGCGCTCAGTGGACAGAGACCTCAGGAGCAGCTTCAG  
 GCTGCCTCCATCAGTACGCGGGCCGAGGCCGAGAACCTCGATAGCCACGCCTCCCGCATGACACAGC  
 TCAAGAAGCAAGCGGCCCTCTCGGGCATCAACGGGGCCTGGAGAGTGGAGCGAGGAAGTCATTTGGGT  
 CAGGCGGAAGACTTTGCCCCCTCCAGGAACTGAACACGGAGAT**TGA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM\_001145887
- Insert Size:** 1869 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\\_001145887.1](#), [NP\\_001139359.1](#)

**RefSeq Size:** 4210 bp

**RefSeq ORF:** 1869 bp

**Locus ID:** 21844

**Cytogenetics:** 16 51.5 cM