

## Product datasheet for **MC224723**

### Tiam1 (NM\_001145886) Mouse Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Tiam1 (NM\_001145886) Mouse Untagged Clone  
**Tag:** Tag Free  
**Symbol:** Tiam1  
**Synonyms:** AI847750; D16lum10; D16lum10e  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**Cell Selection:** Neomycin  
**Fully Sequenced ORF:** >MC224723 representing NM\_001145886  
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGGATCGCC**

ATGGGAAACGCAGAAAGCCAAAATGTAGACCACGAGTTTTATGGAGAAAAGCATGCCAGCCTGGGGCGGA  
AGCACACTTCACGCTCCCTGCGGCTGTACACAAGACCCGGAGGACACGGCATGCTTCCTCCGGGAAGGC  
GATCCACAGGAACTCTGAAGTGAGCACCCGGTCCAGCAGCACGCCAGCATCCCCAGTCCCTGGTGAA  
AATGGCCTGGAGCCCTTCTCCAAGAAGGCGCCCTAGACGACTTCGGGGACCCCATCTGGGTGGACCGAG  
TAGATATGGGCTTGAGACCCGTATCTTACACCGATTCTCCGTCCTCCAGCGTAGATGGCAGCATCGT  
CCTCACTGCAGCCTCTGTGCAGAGCATGCCAGACTCAGAGGAGAGCCGGCTTTACGGGGATGACGCTACG  
TACTTGGCTGAGGGAGGCAGGAGGCAGTGTCCCTATACATCCAATGGGCCACATTCATGGAGACAGCGA  
GCTTTAAGAAGAAGCGCTCCAAATCTGCAGACATCTGGCGGGAGGACAGCCTGGAATTCTCACTCTCAGA  
TCTGAGCCAAGAACATTTAACAAGCAACGAAGAAATCTTGGTTCCGCGGAAGAGAAGGATTGCGAGGAG  
GCTCGGGGATGGAACAGAGGCGAGTCCCGGCAGCTCAGCACCTGTGAGGAGCAACATCCCTGGGTG  
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CCGGAATTTGGTGTGGATATCCCGATCTTGCAAGCATAAGATGCCACCGGCTGCTGCCGAAGAGACT  
CCTCCGTACAGTAATTACAACACGCTTCCCTGTAGGAAGTCGACTGTCTTTCCGAGGGTCCACCAACC  
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GGGCAGCGAGTTTGGGACAGTGGGATCGAAGGGGCCACCACCGACAGGACCTTTGTCCAGGAGATCC  
AATGCCACCAACTCAAGTACTCGCCCCCACAGGCCGAGCCTTTGTGGGAGCGACAGCGGCAGCAGTT  
CAACAGGGGATGCTGCGGCCAGGGGTGTACGAGAACTTCAGGCGGAACTGGAGATGAGTACCACCA  
CAGTGAGAGCCTGGAGGAGGCTGGCTCTGCGCACAGCGATGAGCAGAGCAGCGGAACCTCAGTTCCCCG  
GGCCAGTCGGACATCCTGCTAACGGCTGCGCAGGGCACTGTGCGGAAGGCTGGAGCGCTGCCAGTCAAGA  
ACTTCTGGTCCACAAGAAGAATAAGAAGTGGAGTCGGTACCCGGAGGAAGTGAAGCACTACTGGGT  
GTCCCTGAAAGGTTGCACGCTCTTTTTCTATGAGACTGATGGCAGGTCTGGGATAGACCACAACAGTGT  
CCCAAGCACGCCGCTGCGGTGGAGAACAGCATCGTGCAGGCTGTGCCTGAGCACCCCAAGAAAGACTTCG



TCTTCTGCCTCAGCAACTCCCTGGGTGACGCCTTCTCTTCCAGACCACGAGCCAGACAGAGCTGGAGAA  
 CTGGATCACCGCCATCCACTCTGCCTGCGCAGCTGCCGTGCGAAGGCACCACCACAAGGAGGACACGCTC  
 CGCCTCTCAAGTCGAAATCAAGAAGCTGGAGCAGAAGATCGACATGGACGAGAAGATGAAGAAGATGG  
 GGGAGATGCAGCTGTCTCCGTCAACGACTCGAAGAAGAAGAAGACCATCTAGACCAGATCTTCGTTTG  
 GGAGCAGAACCTCGAACAGTCCAGATGGACCTGTTCCGATTCCGCTGTTACCTCGCCAGCCTCCAGGGC  
 GGGGAGCTGCCAAACCCAAAAGGCTGCTTGTCTTTGCGAGCCGGCCACGAAGTGGCCATGGGCCGCC  
 TCGGGATCTTCCGTGTATCTTTTCATGCCCTGGTGGCAGCCGGACTGGTGGATCGGAGTGAGAAG  
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 AAAGTCAACCAGAATATCCACATTGAGAAGTCAGACGCGCCCGTGATAATTACGGGTTTTGTCTTCTT  
 CTGTGGATGAAGATGGCATTGCAAGGCTCTACGTGAACAGTGTCAAGGAAACCGGTTAGCTTCCAAGAA  
 AGGCCTGAAGGCGGGGATGAGATTCTCGAGATCAATAATCGTGTGCTGGTACCCTGAACCTCATCTATG  
 CTCAAAGATTTCTCTCAGACCCCTCCCTGGGCCTCCTGGTGGAGACCTACCCTGAGCCAGAGGGAGGCG  
 TGGAGCTGCTGGAGAACCCTCCGCACCGAGTGGACGGCCCTGTGGACCTTGGCGAGAGCCCCCTCGCCTT  
 CCTCACCAGCAACCCAGGGCACAGCCTCTCCAGTGAAGCAGGGCAGCAGTGTGAGACAGCTCCAGAAGAG  
 GGCGAAGGACCGGACTTGGAGTCTTCTGATGAGACAGATCACAGCAGCAAGAGCAGACAGAAAGGTTGCG  
 CGTTTTGCCGGAGTCTGCACGAGATGAGCCCTCTGACTCAAGCCCGTCCCTCAGGATGCCACAAGCCC  
 TCAGTGGCAACCACAGCAGACTGTGGATGCGGATAAGCTGCGCAAGTGTGATCTGTGAATGGGAG  
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 GTTCTTAAGACTCTAGAAGATGGAGTAAGACTGGTCCCTGACTTGAAAAGCTGGAGAAGGTTGACCAG  
 TTCAAGAAAGTGTCTTCTCTGGGGGATCCTTCTGTACTACGCGGACCGCTTCAAGCTCTACAGTG  
 CCTTCTGTGCGAGCCACAAAAAGTCCCAAGGTCTGGTGAAGCCAAGACGGACACAGCCTTCAAGGC  
 GTTCTCGATGCCAGAACCAGGAGCAGCAGCTCATCCACGCTGGAGTCTTACCTCATCAAGCCCATC  
 CAGAGGGTCTCAAGTACCCGCTTCTGCTCAGGGAGCTGTTGCGCTGACCGATGCGGAGAGCGAGGAAC  
 ACTACCACCTGGACGTGGCCATCAAGACTATGAACAAGTCCGACGTACATCAATGAGATGCAGAAGAT  
 CCACGAAGAGTTGGTGTGTGTTGACCAGCTGATTGCTGAGCAGACGGGAGAGAAGAAAGAGGTTGCA  
 GATCTGAGCATGGGTGACCTGCTTGCACACCAGCGTACTGCTGACTGAACCCACCCGCCTCACTGGGAA  
 AGTGGAAAAGGAGCCAGAATTAGCAGCCTTCGTCTTCAAACGGCCGTGGTCTTGTATATAAAGACGG  
 TTCCAAGCAGAAGAAGAACTTGTGGCTCTCACAGGCTGTCAATCTACGAGGAGTGGGACCCCTTCCGG  
 TTTCCGCACATGATCCCTACCGAAGCTTTCAGGTCCGAGCTCTGCCAGTGCAGATGCAGAGGCAATG  
 CGGTATGCGAAATTTGCCAGTGAATCAGAGTCAGAAGGGAGGCCCGAGCGGTTTTCCACCTCTGCTG  
 CAGTTCACAGAGAGCAGAAAGGACTTTCTGAAGTCTGTGCATTTCATCTGCGAGATAAACACAGAAGA  
 CAGCTCCTCAAACGGAAGCCTTCCGTACGCCAGCAGTATGTCCTTTGGAGGCAAGAGATTGTGTG  
 CGCTTAAAGGCGCCAGGCCGGCCATGAGCAGGGCAGTGTCTGCCCAAGCAAGTCTTGGGAGGAGGAG  
 GCGGCGACTGGCCGAAACAGGTTTACCATCGATTGACAGCCATCTCAGCCAGCAGCCGGAGAAGAG  
 CCCCAGCAGCCCGCGTGGTGGGACACTGACCGATGGGTAGAGGAACAGTTTCGATCTTGTCTCAGTACG  
 AGGAGCAGGATGACATCAAGGAGACAGACATCCTCAGTGACGATGACGAATTCGTGAGTCCCTGAAGGG  
 CGCCTCAGTGGACAGAGACCTTCAGGAGCAGTTCAGGCTGCCTCCATCAGTACGCGGGCCCGAGGCCGG  
 AGAACCCTCGATAGCCACGCTCCCGCATGACACAGCTCAAGAAGCAAGCGGCCCTCTCGGGCATCAACG  
 GGGCCTGGAGAGTGCAGCGAGGAAGTCAATTTGGGTGAGCGCAAGACTTTGCCCTCCAGGAACT  
 GAACACGGAGATGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:

Sgfl-MluI

|                               |   |
|-------------------------------|---|
| <b>ACCN:</b>                  | NM_001145886  |
| <b>Insert Size:</b>           | 4776 bp   |
| <b>OTI Disclaimer:</b>        | 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).  |
| <b>Components:</b>            | 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).  |
| <b>Reconstitution Method:</b> | <ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol> |
| <b>RefSeq:</b>                | <u><a href="#">NM_001145886.1</a></u> , <u><a href="#">NP_001139358.1</a></u>   |
| <b>RefSeq Size:</b>           | 7277 bp   |
| <b>RefSeq ORF:</b>            | 4776 bp   |
| <b>Locus ID:</b>              | 21844   |
| <b>Cytogenetics:</b>          | 16 51.5 cM  |