

## Product datasheet for **MC223206**

### TII1 (NM\_009390) Mouse Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** TII1 (NM\_009390) Mouse Untagged Clone  
**Tag:** Tag Free  
**Symbol:** TII1  
**Synonyms:** b2b2476Clo; TII; TII-1  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**Cell Selection:** Neomycin  
**Fully Sequenced ORF:** >MC223206 representing NM\_009390  
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGGATCGCC**

ATGGGTTTGAAGCGCTCTCCCGAGGATGCTCCTGTGGTTGGTGGTCTCGGGTATTGTTTTCTCCCGG  
TGCTGTGGGTCTGCGCTGGCCTCGATTATGATTACACTTTTGATGGGAACGAAGAGGACAAAACGGAGCC  
TATAGATTACAAGGACCCGTGCAAAGCTGCTGTGTTTTGGGGTGACATCGCCTTAGATGATGAAGACTTA  
AATATCTTCCAAATAGACAGGACAATTGACCTGACCCAGAGCCCTTTGGAAAACCTGGACATATTACAG  
GTGGCTTTGGAGACCATGGCATGCCAAAGAAGCGAGGGGCACTCTACCACTTATAGAGAGGATCAGAAG  
AATTGGCTCTGGCTTGGAGCAAAAATAACACGATGAAGGGAAAAGCACCTCCAAAATTGTCAGAGCAAAGT  
GAGAAAAATCGAGTTCCAGAGCTGCTACCTCAAGAACGAAAGGATATGGCCTGGGGGTGTCATTCCCT  
ATGTCATAGGAGGAACTTTACTGGCAGCCAGAGAGCCATGTTCAAGCAGGCCATGAGACACTGGGAAA  
GCACACCTGTGTGACGTTCACTGAGAGAAGTGATGAAGAAAGTTATATTGTGTTACCTACAGGCCCTGT  
GGATGCTGCTCCTATGTTGGTCGGCGGGGAAATGGCCCTCAGGCCATCTCTATTGGCAAGAAGCTGACA  
AGTTTGGAAATTGTTGTTCACTGAACTGGCCACGTGATAGGCTTCTGGCATGAACATACCCGCCAGACCG  
AGACAACCATGTCACCATCATTAGAGAGAATCCAGCCAGGTCAAGAGTACAATTTCTAAAGATGGAG  
CCTGGAGAAGTGAAGTCTCTGGGGAAAGATATGATTTTGACAGTATCATGCACTACGCCAGGAACACCT  
TCTCAAGAGGGATGTTTTAGACACAATACTCCCTCCCGTGATGATAATGGCATTCTGCTGCAATTGG  
TCAACGGACCCGTTAAGCAAAGGAGACATTGCACAAGCAAGAAAGCTGTATCGATGCCAGCATGTGGA  
GAAACCTGCAAGAATCCAGTGGCAACCTTTCTCCCGAGGATCCCAAATGGCTACCCTTCTACACAC  
ACTGCATCTGGAGAGTGTCTGTGACCCCGGAGAAAAGATTGCTTGAATTTTACCACAATGGACCTTTA  
CAAAAGTAGTTTGTGCTGGTATGATTACATTGAAGTAAGAGATGGTTACTGGAGGAAGTCACCTCTCCTT  
GGTAGATTCTGTGGGACAAAGTGGCTGGAGTTCTTACATCTACGGACAGCAGAATGTGGATTGAGTTTC  
GTAGCAGCAGTAACTGGGTAGGAAAAGGTTTGCAGCTGTCTATGAAGCGATTTGTGGAGGGGAGATAAG  
GAAAAACGAAGGGCAGATTCACTCTCCCAATTACCCCGATGACTACCGACCAATGAAGGAGTGTGTATGG  
AAAATAATGGTGTCCGAGGGCTACCATGTTGGACTGACCTTTCAGGCCTTTGAGATCGAAAGACATGACA



GCTGTGCCTATGACCACCTAGAAGTTCGAGATGGAGCCAGTGAGAACAGCCCTTTGATAGGACGGTTCTG  
TGGTTATGACAAACCTGAAGATATAAGGTCTACTTCCAACACCCTGTGGATGAAGTTTGTCTCTGACGGG  
ACTGTGAACAAGGCAGGGTTTGTGCGAACTTTTTAAAGAGGAAGATGAGTGTGCCAAACCTGACCGAG  
GAGGCTGTGAACAGAGGTGTCTTAACACACTAGGCAGCTACCAGTGTGCCTGTGAGCCTGGCTATGAACT  
GGGGCCAGACAGAAGAAGCTGTGAAGCTGCTTGGGAGGACTTCTGACGAAGCTCAATGGCACCATAACC  
ACCCCCGGCTGGCCAAAGAGTACCCTCCAAACAAAACTGTGTGGCAAGTGATCGCGCCAAGCCAGT  
ACAGAATCTCTGTGAAGTTTGTGTTTTTGAATTGGAAGGCAATGAAGTTTCAAATACGATTACGTGGA  
GATCTGGAGCGGCTTTCTCTGAGTCTAAACTGCATGGCAAGTTCTGTGGCGCTGACATACCTGAAGTG  
ATGACTTCCCATTCAACAACATGAGGATTGAATTCAAGTCAGACAACACTGTATCCAAGAAGGGCTTCA  
AAGCACATTTTTCTCAGATAAGGATGAGTGTTCAAAGGATAATGGTGGCTGTCAGCATGAGTGTGTC  
CACGATGGGAAGTTACACGTGTCAGTGCCGGAATGGATTCGTGTTGCATGAGAACAAGCATGATTGCAAG  
GAAGCCGAGTGTGAACAGAAGATACACAGCCCAAGTGGTCTCATCACCAGTCCCAACTGGCCAGACAAGT  
ATCCAAGCAGAAAGAGTGCACGTGGGTGATCAGTGCCATTCTGGCCACCGCATCATTAGCCTTCAA  
TGAGTTTGAGGTTGAACAACATCAAGAATGTGCTTATGATCACTTGAAAATTTTTGATGGAGAAACGGAG  
AAGTCACCAATACTTGGCCGACTATGTGCAGCAAGATACCAGATCCCCTCATGGCTACTGGGAATGAAA  
TGTTTATTCGGTTTATTTCTGATGCCTCTGTTCAAAGAAAAGGCTTTCAAGCTACACATTCCACAGAGTG  
TGGTGGTCGATTGAAAGCAGAGTCAAAGCCTAGAGACCTGTACTCCCATGCTCAGTTTGGTGATAATAAC  
TACCCAGGACAACCTGGACTGTGAATGGTGTGGTGTGTCAGAACGAGGATCTCGACTTGAATTGCTCTTCC  
AGACATTCGAAGTAGAAGAAGAGCTGACTGTGGCTATGACTATGTTGAAGTCTTTGATGGTCTCAGTTC  
AAAAGCTGTGGTCTTGGTAGATTCTGTGGGTGAGGGCCACCAGAAGAAATCTATTCAATTGGAGATGTG  
GCTTTGATTCAATTCACACAGATGACACTATCAACAAGAAAGGATTTTATATAAGATATAAAAGTATAA  
GATACCCGGAAACGATGCATGCCAAGAACTAA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI

**ACCN:** NM\_009390

**Insert Size:** 3042 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\\_009390.2](#), [NP\\_033416.2](#)

**RefSeq Size:** 4928 bp

**RefSeq ORF:** 3042 bp

Locus ID: 21892  
Cytogenetics: 8 32.19 cM