

## Product datasheet for RN203578

### TII1 (NM\_001106081) Rat Untagged Clone

#### Product data:

Product Type: Expression Plasmids  
 Product Name: TII1 (NM\_001106081) Rat Untagged Clone  
 Tag: Tag Free  
 Symbol: TII1  
 Synonyms: TII  
 Vector: pCMV6-Entry (PS100001)  
 E. coli Selection: Kanamycin (25 ug/mL)  
 Cell Selection: Neomycin  
 Fully Sequenced ORF: >RN203578 representing NM\_001106081  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCCGCGATCGCC

ATGGGTTTGAAGCGCTCTCCCCTAGGATGCTTCTGTGGTTGGTGGTCTCGGGTATTGTTTTCTCCCGG  
 AGCTGTGGGTCTGCACTGGCCTCGATTATGATTACACTTTTGATGGGAACGAAGAGGACAAAACGGAGCC  
 TATAGATTACAAGACCCGTGCAAAGCTGCTGTGTTTTGGGGTGACATCGCCTTAGACGATGAAGACTTA  
 AATATCTTCCAAATAGACAGGACAATTGACCTGACTCAGGGCCCTTTGGAAAACCTGGACATATCACAG  
 GTGGCTTTGGAGACCATGGCATGCCAAAGAAAACGAGGGGCACTCTACCACTTATAGACAGGATCAGAAG  
 AATTGGCTCTGGCTTGGAGCAAAAATAACACCACGAAGGGAAAGGCACCTCCAAAACCTGTCAGAGCAAAA  
 GAGAAAAATCGAGTTCCAGGGCTGCTACATCAAGAACGAAAGGATATGGCCTGGGGGTGCATCCCTT  
 ATGTCATAGGAGGAACTTTACTGGCAGCCAGAGAGCCATGTTCAAGCAGGCCATGAGACACTGGGAAA  
 GCACACCTGCGTGACTTTTACGGAGAGAAGCGATGAAGAAAGTTACATTGTGTTACCTACAGGCCTTGT  
 GGATGCTGCTCCTATGTTGGTGGCGGGGGAATGGCCCTCAGGCCATCTCTATTGGCAAGAAGCTGACA  
 AGTTTGGAAATGTTGTTCACTGAACTGGCCACGTGATAGGCTTCTGGCATGAGCATACCCGCCAGACCG  
 AGATAACCACGTCACCATCATAAGAGAGAACATCCAGCCAGTCAAGAGTACAATTTTCTAAAGATGGAG  
 CCTGGAGAAGTAACTCTCTTGGGAAAGATACGATTTTGACAGTATCATGCACTACGCCAGGAACACCT  
 TCTCAAGGGGATGTTTTAGACACAATACTCCCATCCCGTGATGATAATGGCATCCGTCCTGCAATTGG  
 TCAACGGACCCGTTAAGCAAAGGAGACATTGCACAAGCAAGAAAGCTGTATCGATGTCAGCATGTGGA  
 GAAACCTACAAGAATCCAGTGGCAACCTTTCTCCCAGGATCCCAAATGGCTATCCTTCTATACAC  
 ACTGCATCTGGAGAGTGTCTGTGACCCCGGAGAAAAGATTGTCTTGAATTTTACCAGATGGACCTATA  
 CAAGAGTAGTTTGTGCTGGTATGATTACATTGAAGTAAGAGATGGCTACTGGAGAAAGTCACCTCTCCTT  
 GGTAGATTCTGTGGGACAAAGTGGCTGGAGTTCTCACATCAACAGACAGCAGAATGTGGATTGAGTTTC  
 GTAGCAGCAGTAACTGGGTAGGAAAGGTTTGCAGCCGTCTATGAAGCGATTTGTGGAGGGGAGATAAG  
 GAAAAATGAAGGACAGATTCAAGTCTCCCAATTACCCGACGACTATCGACCAATGAAGGAGTGTGTATGG  
 AAAATAATGGTGTCCGAGGGCTACCATGTTGGACTGACCTTTCAGGCCTTTGAGATTGAAAGACACGACA



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GCTGTGCCTATGACCACCTAGAAGTTCGAGACGGCAACAGTGAGAATAGTCCTTTGATAGGACGGTTCTG  
TGGTTATGACAAACCTGAAGATATTAGATCTACTTCCAACACCCTGTGGATGAAGTTCGTCTCTGATGGG  
ACTGTGAACAAGGCAGGATTTGCTGCCAACTTTTTAAAGAAGAAGATGAGTGTGCCAAAGCTGACCGGG  
GAGGCTGTGAGCAGAGGTGTCTCAACACGCTAGGCAGCTACCAGTGTGCCTGTGAGCCTGGCTACGAGCT  
GGGGCCAGACAGAAGGAGCTGCGAAGCTGCTTGGCGAGGACTTCTACAAAGCTCAATGGCACAATAACC  
ACCCCCGGCTGGCCAAAGAGTACCCTCCAAACAAAACTGTGTGGCAAGTATTGCGCCAAGCCAGT  
ACAGAATCTCTGTGAAGTTTGAATTTTTGAATTGGAAGGCAATGAAGTTTGAAGTATGATTACGTGGA  
GATCTGGAGCGGTCTGTCTCTGAATCTAAACTGCATGGCAAGTTCTGTGGCGCTGATGTCCTGAGGTG  
ATCACTTCCCATTCAACAACATGAGGATTGAATTCAAATCGGACAACACTGTTTCCAAGAAGGGCTTCA  
AAGCACATTTCTCTCAGATAAGGATGAGTGTTCAAAGGATAACGGTGGCTGCCAGCATGAGTGTGTCAA  
CACAATGGGAAGCTACACGTGTCAAGTGCAGGAATGGATTTGTGTTGCATGAGAACAACATGATTGTAAG  
GAAGCGGAGTGTGAACAGAAGATCCACAGCCCAAGTGGCCTCATCACCAGTCCCAACTGGCCAGACAAGT  
ATCCAAGCAGAAAGAGTGCACGTGGGCCATCAGTGCCATTCTGGCCACCGCATCAAATAGCCTTCAA  
TGAGTTCGAGTTGAGCAGCATCAAGAATGTGCATATGATCACTTGAAAATTTTCGACGGACAAACGGAG  
AAGTCACCAATCCTTGGCCGGCTGTGTGCAGCAAGATACCAGATCCCCTCATGGCTACCGGAATGAAA  
TGTTTATTCGATTCATTTCTGATGCCTCTGTTCAAAGGAAAGGGTTTCAAGCCACCCACTCCACAGAATG  
TGGAGGTCGATTGAAAGCAGAGCGGAAGCCAAAGATCTGTACTCTCATGCTCAGTTTGGTGATAATAAT  
TACCCAGGACAACCTGGATTGTGAATGGTTGCTGGTGTGAGAACAAGGCTCTCGGCTTGAATTGCTCTTCC  
AGACTTTCGAAGTAGAAGAAGACCGACTGTGGCTATGACTATGTTGAAGTCTTTGATGGTCTCAATTC  
CAAAGCTGTGGGTCTTGGTAGATTCTGTGGCTCAGGGCCACCAGAAGAAATCTATTCCATTGGAGATGTG  
GCTTTAATTCATTTTACACAGATGACACTATCAACAAGAAAGGATTTTATATAAGATATAAAAGTATAA  
GATACCCAGAAACCATGCATGCCGAGAACTAA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

<b>Restriction Sites:</b>	SgfI-MluI
<b>ACCN:</b>	NM_001106081
<b>Insert Size:</b>	3042 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>NM_001106081.1, NP_001099551.1</u>
<b>RefSeq Size:</b>	4726 bp
<b>RefSeq ORF:</b>	3042 bp

Locus ID: 678743

Cytogenetics: 16p13