

## Product datasheet for RN217411

### TII2 (NM\_001191898) Rat Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** TII2 (NM\_001191898) Rat Untagged Clone  
**Tag:** Tag Free  
**Symbol:** TII2  
**Synonyms:** RGD1559756; TII2b  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**Cell Selection:** Neomycin  
**Fully Sequenced ORF:** >RN217411 representing NM\_001191898  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**GCGATCGC**C

ATGCCTCAGGCGACCGCTCTTGGCACCCCTGGTGTACTGTTGCTGCTACCGCTACTCCTCCGTGCTGAAG  
 TGACTGGGACCCTCGGATGTCGCGTTGGATTACGGGCTTGAAGGGCAGGAGGGCCAGGAGCAGGA  
 GCAGCAGCTGCAATACCAGACCCTGCAAAGCTGCTGTCTTCTGGGAGATATCGCCTTGGATGAAGAT  
 GATCTCAAGTTATTTACATTGACAAGGCTGAAGACTGGACCAAGCCATCCATGGAAAGAAATGGGACCG  
 AACTGGTGGCCTTGGAGAAACATCTGCAAGGTGGCCAAATGATACAGCCTCTAACAGCAGCATCCAGGC  
 ACTAAGAAAGGATGGCAAGGATAGCACCACACTTCTGCCTGGCCCTGGGACCTCAAACACCACCGCTAAG  
 ACCTTCTCTGCTCGGGTCCGAAGAGCTACAACCTCAAGGACAGAGCGGATATGGCCTGGAGGGGTCATTC  
 CTTATGTCATCGGAGGGAACCTTACTGGCACCCAGAGGGCCATTTTCAAACAGGCCATGAGGCCTGGGA  
 GAAGCACACCTGTGTGACCTTCATAGAGAGGACAGACGAGGAGAGCTTCATTGTTTTAGTTACAGGACC  
 TGTGGCTGTTGTTCTACGTGGGACGCCGAGGAGGTGGCCCTCAGGCCATATCCATTGGGAAAAACTGTG  
 ACAAGTTCGGCATCGTGGCTCACGAGCTGGGCCACGTGGTTGGTTCTGGCAGCAACACTCGCCAGA  
 CCGAGACCAGCATGTACCATCATCAGAGAAAACATCCAGCCAGGTCAGGAGTATAATTTCTTAAAAATG  
 GAAGCCGGCGAGGTGAGCTCTCTGGGAGAGACCTACGACTTCGACAGCATCATGCACTATGCCCGGAACA  
 CCTTCTCAAGAGGAGTTTTCTTAGACACCATCCTCCCCGTCGAGACGACAATGGCGTCAGGCCAACCAT  
 TGGCCAACGCGTGCAGGCTCAGTCAGGGAGATAGCTCAAGCCAGGAAGCTGTACAAATGCCAGCGTGT  
 GGGGAAACACTACAGGACACATCAGGAACTTCTCTGCACCTGGTTTCCCAAATGGCTACCCCTCTTATT  
 CCCACTGCGTCTGGAGGATCTCCGTACCCAGGGGAAAAGATCATCCTAAATTTACCTCCATGGATTT  
 GTTAAAGAGCCGCTTGTGCTGGTACGATTACGTGGAGATCCGGGATGGTTACTGGAGAAAGGCCCCCTG  
 TTGGGGAGGTTTTGCGGCGATAAGGTTCTGAGCCCTCGTCTCCTCGGACAGCCGGCTGTGGTGGAAAT  
 TCCGTAGTAGCAGCAGCATCCTGGGCAAGGGCTTCTTCGCTGTCTATGAAGCCATGTGTGGGGGAGACAT  
 AACTAAAGATGCGGGCCAGATTCAATCTCCAACTACCCTGACGACTACAGGCCTTCAAAGGAATGTGTG  
 TGGAGAATCACAGTAGCAGACGGGTTTCATGTGGGGCTTACCTCCAGTCCTTTGAGATTGAAAGACATG



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ACAGTTGTGCATATGACTATCTGGAAATCCGAGACGGTCCCACAGAGGAGAGCGCCCTGATTGGCCATTT  
 CTGTGGCTACGAGAAGCCAGAGGCTGTGAAATCCAGTGCCAACCGACTATGGGTGAAGTTTGTGTCGGAC  
 GGCTCCATCAATAAAGCAGGCTTTGCAGCCAGTTTCTTCAAGGAGGTGGATGAGTGCTCCTGGCCAGACC  
 ATGGTGGGTGTGAGCAGCGCTGTGTAACACACTCGGCAGCTACACGTGTGCCTGTGACCCTGGCTACGA  
 GCTAGCTGCTAACAGAAGACATGTGAAGTGGCCTGTGGTGGATTTATTACCAAGCTAAACGGCACCATC  
 ACCAGCCCTGGATGGCCGAAGGAGTACCCACAACAAGAAGCTGTGCTGGCAGGTGGTGGCCCCATGC  
 AGTACCGCATCTCCCTGCAGTTCGAAGCATTTCGAGTTGGAAGGCAATGACGTTTTGTAAGTATGACTTCGT  
 AGAGGTGCGCAGTGGCCTGTCCCAGATGCCAAGCTTCATGGCAAGTTCTGTGGCTCCGAGACCCCGGAG  
 GTCATCACATCTCAGAGCAACAACATGCGCGTGGAGTTCAAGTCCGACAACACCGTCTCCAAGCGAGGCT  
 TCAGGGCTCACTTCTTCTCAGACAAAGACGAGTGTGCCAAAGACAATGGCGGCTGCCAGCAGGAGTGTGT  
 CAACACATTTGGGAGCTACCTGTGCCGATGCAGGAATGGGTACCGGCTGCACGAGAACGGACATGACTGC  
 AAAGAGGCTGGCTGTGCATAACAAGATCAGCAGTGCAGAGGGAACCCTGATGAGCCCCAACTGGCCTGACA  
 AATACCCAGCCGAAGGAATGTACCTGGAACATTTCACTCAACTGCAGGCCACAGGGTAAAATTACATT  
 CAGTGAGTTTGAGTTGAGCAGCATCAGGAATGCGCCTACGACCCTGGAAGTGTATGACGGGACGGAC  
 AGCTCGGCCCCATCCTCGGCCCTTCTGTGGCAGCAAGAAGCCGGATCCCGTGGTGGCTACAGGCAGCA  
 GGCTGTTCTCAGTTTTACTCAGATGCCTCGGTGCAGAGGAAAGGTTTTCCAGGCTGTGCACAGCACAGA  
 ATGTGGAGGCAGACTGAAGGCTGAAGTGCAGACCAAAGAGCTCTACTCTCATGCCAGTTTGGGGACAAC  
 AACTACCCGAGCCAGGCCACTGTGACTGGGTGATAGTCGCGGAAGACGGTTATGGCGTGGAGCTGGTAT  
 TCCGGACCTTTGAAGTGGAGGAGGAAGCTGACTGTGGCTATGACTACTTGGAGGCCTATGATGGGTACGA  
 CAGCTCAGCACCAGGCTTGGCCGCTTCTGTGGCTCAGGGCCGTTAGAGGAAATCTACTCTGCAGGAGAC  
 TCACTGATGATCACTTCCACACGGACGACACCATCAACAAGAAAGGCTTTCACGCCGATACACCAGCA  
 CCAAGTCCAAGATGCCTTGACATGAGGAAGTAG

AGCGGACCGACGCGTACGCGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCC  
 TGGATTACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-RsrII
- ACCN:** NM\_001191898
- Insert Size:** 3045 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).
- OTI Annotation:** Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
- 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\\_001191898.1](#), [NP\\_001178827.1](#)

RefSeq Size: 3045 bp  
RefSeq ORF: 3045 bp  
Locus ID: 365460  
Cytogenetics: 1q54