

Product datasheet for **RN206426**

Tti1 (NM_001134619) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
 Product Name: Tti1 (NM_001134619) Rat Untagged Clone
 Tag: Tag Free
 Symbol: Tti1
 Synonyms: RGD1562582
 Vector: pCMV6-Entry (PS100001)
 E. coli Selection: Kanamycin (25 ug/mL)
 Cell Selection: Neomycin
 Fully Sequenced ORF: >RN206426 representing NM_001134619
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGGCAGTGTGGACACTCCCGAGGAGGCTTTGGTGTCTTACGTCCAGTCTGCGTTAGCTCACAAAGA
 CCCAGACAGTGGAGAACGTGGAACATCTGCAGACACAGTTACAAGCCATAAGTGACTGCCCTTCAGGA
 ACTACAGCAGTACATTCTTCCCCTTGGGATTTGCCCTGAAGACCCAGGGCCAAAAGAGAGCGTCTC
 GTACAGAGTGTGGTGGAAATGCCTCACCTTTGTCCTCTCTTCAACATGTGTGAGAGAGCAGGAGCTTCTCC
 AGGAACTTTCTCAGAATTTTCAGCTTGTCTGTACTCTCCAACTCCAGAAACCCGAGCTTTGTGAGA
 GGAGTTAAAATTGGCTGTGATCCAGGGACTTAGCACCTTAATGCACTCAGCTTACAGGGACATATTCTG
 ACTTTTTATGAGCCCTCCATTCTGCCTCGTTTAGGATTTGCTGTGTCTTTACTGTTGGCCCTGGCAGAGC
 AGGAGAAGTCAAAACAGATTAATAATGCTGCCTTACAGTGTCTACAGGTTCTCCTCCTCAATGTGATTG
 TCAGGACCATCCAAGGCCTTTGGATGAAGTGGAGCAGCAACAGCTGGGGACTTGTGGCATCTTTCTTA
 CCTGGAATCTCACTGCACTGACCAGAGTCATCACAGGAGACTTAAACAAGGTATAGCATTGTGCTGT
 CTCCCTAAAGGTCTTCAAAAACCGTGGGCTTCATCATGGCTGATGAACAGCTCACAAGGATCCCAAA
 GGTGCGAGCAAAAGCCCGCAGTTGAGCACAAAGTAGCAGCCCTGATGATTACAGAGAAGCAGACTGGGTA
 AAAAGTACTGGTGGCAAGTTGGCAATCCTTATTAATAAAGATAATTGACTGTGTCTCTGTTATCCACT
 GGAAGGTGAGGCTGGAAGTGGTAGAGTTTGGGAGGCTCCTGCTTTTTAAGTGCAGTCAGTCCCTGGTTGA
 ATCCACAGGTCCTCTTGAAGGTGTTAGTTGGCTGGTGAATGATGAAAGTTCTGAAGTGCAGGCCAG
 TGCAATACAGTGTAAAGCGCTTGCAGATCAGAAGGTAGTAGTGGCCAGCAGAGCCTTGGCTGATATCT
 TGTCAGAAAGCCTGCATTATTGGCCACATCTCTCCCGCCTGATGAACACACAAGATGATCAGGGCAA
 GTTCTCTACCCTTCCCTGTTACTTGGGTATCTGAAACTGTTGGCCCCAAAGTACATGTAATTCTCAAT
 TCTGTGGCCCATGTGCAGCGCTTCCAGGCACTCATCCAAGTATTGGAGCTAGAGGTGGCTGATGTCA
 AAATGGTGGAAAGAGCGGCGATGGAATTCGACAACCTCAGTGCTTCTGCAGAGGCCCTCAGCTGCAGGCC
 ATGGAGCAGAGTCCAGAGGCGATATTTCCGATGCTTTACTGACGAGAGGGTCTTCTGCTCCTTCGAAAG
 ATCTGTACGCTTCTGGTTATTATGGGACCTGTATTTGCTTGTGGATCACTTTATGGAAGTGTATCATA



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CATCTATAGTTTATCGGAAGCAAGCTGCCATGATCCTTAATGAACTGGTTGTAGGGGCTGCTGGACTGGA
 TGTGGAAGATATTCATTATGAATGTGCAAGCACGAGCCAGAGGAATTGAGAGAGATTGTGAAATCTATA
 CTAGAGGAATACACGAGCCAAGAAAACCTGGTACTTGATTACCTGTATTGAAGCTGAGGAGGAGGAGG
 TGATGATGAAGCAGCAAGGCCTCCAGGCTGTACATCTGGTGTCCACACCTGCCAAGTTGTATCCTTTCC
 AGCCCTGTCAAAGCCGAGTCCCCTACTGTCTCCATGAACAGTAACATCTGGCAGATATGCATTAGTTG
 GAAGGGATTGGCCAGTTTGCTTATGCACTAGGAAAAGACTTTCGTTTGGCTTTTGTATGTCAGCTCTCTATC
 CAGTATAGAGAAGGCTGGAGACCAACCTTGCTCATTAGTCAAGTGGCTGCTAGCACCATGGTAGATAT
 TTGCCATGCTTGTGGCTATAACTCTGTACAGCACCTGATCAATCAAAATTCAGACTATTTGGTGAATGGA
 ATCTCTTTAAATCTGCGTCACCTTGCTCTACACCCACATACCCCAAAAGTCTGGAAGTCATGCTTCGGA
 ACTCAGATGCTAGCCTCCTTCTTTGGTAGCAGATGTGGTTCAAGATGTCTTGGCCACCCTGGACCAATT
 TTATGATAAGAGAGCTGCATCCTTTGTCAGCGTTCTGCACGCTCTACTGGCAGCATTGGCACATTGGTTC
 CCAGACTCGGGTCTACTGGGCAACTCCAACAGCACAGTTTAGAAGAAGTGGCGAGGCAAACGCCAGCAG
 CTAGCAAGGCTAGCCCCACAGCTGAGGACATCGAGCGGTTTGTGCTGAGCTATCTCCAGGAGAAGGATAT
 GGCAGAGGGGAATGTTTCTGATCTTGAAGCTGAAGAAGTCTTTTCAGAGGAGCAGTCTGTCCCTCCCAGA
 GTGGATGAGAGTGACGCCCTTCCAGACGTGGAGCCACCCTGCCAGTGCACATCCAGATAGCCAAGGACG
 TGATGGAGCGCTGTATCCACCTGTATCAGATAAAAACCTGAAAGTCCGCTGAAGGTCTTGGACGTGCT
 GGGATTGTGTGTGGAAGTTCTACAGACCCACAAGAACCAGCTTCTTCCCCTGGCTCACCGAGCCTGGCCT
 TCACTCGTGCACCGACTCACAAGTGATGACCCCTGGCAGTGTCTCAGAGCTTTCAAGTTTTGCAGACCC
 TTGGAAGCAGATGTGGCGATTTTCTCCGGAGCCGTTCTGCAAAGATGTCTGCCAAAATTTGGCCAGCTC
 CTTAGTCACCCAGGCCCCATCAGTGCCAGGGCTGGACCAGTTTATTCTCACACTGGCCTTCAAGCTA
 CAGCTGGCTGTCTGCAGGGCTGGGCCCTCTGTGAAAGTCTGGACTTAGGTGAGGGTGACCTGAATA
 AAGTGGCTGATGCCTGCTTGATTTACCTCAGCACCAACAGCCCGTGAATTAACAAGAGGCTGCCAGGAG
 CGTCTTCTCCACCTGATAAAGGTGGACCCCGACTCCACCTGGCTCCTCTGCACCAGCTGCACTGCCCT
 GTGCAGCAGTTTACAGCCCGCACCCGAGCCTTACCCAGTGCAGTGGCAGGGGGCCACTAAGCCACAGA
 ACCCTATGCCACCAATGTTTGGCCACCTGCTTCTTCAACTGCAGTGA

ACGCGTACGCGGCCGCTCGAGCAGAAAACCTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:

SgfI-MluI

ACCN:

NM_001134619

Insert Size:

3267 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_001134619.1, NP_001128091.1

RefSeq Size: 3804 bp
RefSeq ORF: 3267 bp
Locus ID: 499935
Cytogenetics: 3q42