

## Product datasheet for RN203738

### Tnr (NM\_013045) Rat Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Tnr (NM_013045) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Tnr
Synonyms:	J1NRM
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>RN203738 representing NM_013045 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGGATCGCC**

ATGGGGATCGAAGGGGAAACAGTAGTCTTGAAGAACATGCTCATTGGTGTAAACCTGATCCTGTTGGGAT  
CCATGCTCAAGCCTTCTGAATGCCGGCTGGAAGTACTACAGAAAGGGTCCAGAGACAACTGTGGAGGA  
GGAAGGAGGGGCTTCCAGCTACAACACATCCAGCAAGGAACAGCCTATGGTCTTTAACCATGTGTATAAC  
ATCAACGTGCCACTCGAAAGCCTCTGCTCCTCGGGCTGGAGGCCTCAGCTGAGCAGGACGTGAGTGCCG  
AAGATGATACTCTGGCAGAATACACAGGCCAAACCTCAGACCATGAAAGCCAGGTACCTTCACCCACAA  
GATCAACCTCCCCAAAAAGCCTGCCCATGTGCAAGCTCTGCCAGGTAAGTGCAGGAACTGTTGAGCCGA  
ATCGAGATGCTGGAGAGGGAGGTGTGCTGCTGCGAGACCAAGTGCACACCAACTGCTGTGAGGAAAGTG  
CTGCCACAGGACAAGTGGACTATGTCCCTCACTGCAGCGGCCATGGCAACTTTAGCTTCGAGTCTGTGG  
CTGCATCTGCAATGAAGGCTGGTTTGGCAAGAAGTGTGTCAGAGCCCTACTGCCATTGGGCTGTCCAGT  
CGGGGTGTATGTGTCGATGGCCAGTGCATTTGTGACAGTGAATACAGCGGAGATGACTGTTGAGAGCTCC  
GGTGCCCAACAGACTGCAGTTCAGGAGGCTCTGTGAGGATGGGAATGTGTCTGTGAAGAGCCCTACAC  
AGGCGAGGACTGCAGGGAGCTGCCCTGGGACTGTTGAGGAAAGGGCAATGTGCCAATGGTACC  
TGCTGTGCCAAGAGGGCTATGCTGGTGGAGACTGCAGTCAAGGAGGCTGCTGAACTGCTTGCAGTGGG  
GAGGCTACTGCCAGGAGGGGCTCTGCATCTGTGAGGAGGGCTACCAGGGCCCTGACTGCTCAGCAGTTAC  
CCCTCCAGAGGACTTGCAGTGGCTGGTATCAGCGACAGGTCCATTGAGCTGGAATGGGACGGGCCGATG  
GCAGTGCAGGAATATGTGATCTCTTACCAGCCGAGCCTGGGGGGCCTTCACTCCAGCAGCGGGTGCCTG  
GAGATTGGAGTGGTGTACCATCACGGAGCTGGAGCCAGGTCTCACCTACAACATCAGCGTCTACGCTGT  
CATTAGCAACATCCTCAGCCTTCCCATCACTGCCAAGGTGGCCACTCATCTTTCTACTCCTCAAGGGCTA  
CAGTTCAAGACGATCACAGAGACCACCGTGAAGTGCAGTGGGAGCCCTTCTTTCTCCTTCGATGGGT  
GGGAGATCAGTTCACTCCAAGAACAATGAAGGAGGGGTGATAGCTCAGCTCCCGAGGATGTTACGCTC  
CTTTAACCAACGGGACTGAAACCTGGGAGGAGTACATTGTGAATGTTGTAGCACTAAAGGAACAAGCC  
CGGGGCCCTCCGACTCTGCCAGCTCTCCACTGTGATTGACGGGCCACACAGATCCTGTTTCGAGATG



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TCTCTGATACTGTGGCCTTTGTGGAATGGACCCACCTCGAGCCAAAGTTGATTTATTCTATTAATA  
 TGGCTTGGTGGGTGGCGAAGGTGGGAAGACTACCTTCCGGCTGCAGCCTCCCCTTAGCCAGTACTCAGTG  
 CAAGCCCTTAGACCTGGCTCCCGCTACGAGGTGTCCATCAGCGCAGTCCGGGGACCAATGAAAAGTGATG  
 CCTCAAGCACCCAGTTTACAACAGAAATGATGCTCCCAAGAATTTGCGAGTGGGTTCCCGGACAGCAAC  
 TAGCCTTGACCTCGAATGGGATAACAGCGAGGCTGAAGCTCAGGAGTACAAGTTGTGTACAGCACCTA  
 GCCGGGGAGCAGTACCATGAAGTGTGTACCCAAAGGCATTGGTCCAACACCAAGACTACCCTCACAG  
 ATCTGGTCCAGGCACAGAATATGGAGTTGGAATATCTGCGGTAATGAACTCGAAACAAAGCATTCCCGC  
 TACCATGAATGCCAGGACTGAGCTTGACAGTCCCGGAGACCTCATGGTAACAGCTTCTCAGAGACCTCT  
 ATCTCTCTCATCTGGACGAAGGCCAGTGGTCTATTGATCACTATCGAATTACTTTTACTCCATCTTCTG  
 GGATCTCCTCAGAAGTCACTGTGCCTAGGGATAGGACTTCATATACACTGACAGATCTAGAGCCTGGAGC  
 AGAATACATCATCTCCATTACTGCTGAGAGGGTGGCAGCAGAGCCTGGAGTCTACTGTGGATGCCTTC  
 ACAGGCTTCCGCCCTATCTCCACTTGCACTTTTCTCATGTGACCTCTCCAGTGTCAACATCACCTGGA  
 GTGACCCATCTCCCCAGCAGACAGACTCATTCTGAACACAGCCCCAGGGATGAAGAGGAGGAGATGAT  
 GGAGGTTCTCTGGATGCCACCAAGAGGCACGCCGCTCTAATGGGTCTACAGCCAGCCACTGAATATATA  
 GTGAATCTCGTAGCTGTCCATGGGACAGTAACCTCTGAACCCATAGTGGGTTCTACTACAGGAATTG  
 ATCCTCCCAAAAACATCACAAATAGCAACGTGACTAAGGACTCCCTGACAGTTTCTGGAGCCCTCCTGT  
 TGGCCTTTTGTATTACTACGAGTATCCTATCGACCACCCAAGTGGACGGCTGGACAGCTCTGTCTGCC  
 AACACTGTGACAGAGTTCACAATCACCAGGCTCTATCCAGCTAGTCAATATGAAATAAGCCTCAACAGTG  
 TACGCGGGAGGGAGGAGTGAACGCATCTGCACCCTGGTGCACACAGCCATGGATAGCCCCATGGATCT  
 AATTGCTACCAACATCACGCCAACAGAAGCCCTGCTCCAGTGGAAAGCCACCCATGGGTGAAGTGGAAAT  
 TATGTCATTGTCTCACCCTTTGCCATGGCTGGAGAGACCATCCTGGTTGATGGGGTCAAGTGAAGAAT  
 TCCAGCTGTAGACCTGCTTCTAGGACCCACTACACTGTCAACATGTATGCTACCAGTGGACCTCTCGT  
 GAGTGGCACCATCGCCACCAACTTCTCCACCCTCCTGACCCTCCCGCCAACTGACAGCCAGTGAAGTC  
 ACCAGGCAAGGCCACTGATCTCCTGGCAGCCACCCAGAGCTGCGATTGAAAACATATGTCTTGACATACA  
 AGTCCACCGATGGAAGCCGCAAGGAGCTGATTGTGGATGCTGAGGACACCTGGATCCGACTGGAGGGCCT  
 GTCGGAGAACACAGACTACACAGTGTCTCCTGCAGGCAGCTCAGGAGGCCACAAGGAGCAGCCTCACCTCT  
 ACTATCTTTACCACAGGGGGCCGGGTGTTCTCTCATCCTCAAGACTGTGCCAGCACTTGTGAATGGAG  
 ACACTCTGAGTGGAGTTTACACCATCTTCTCAATGGGGAGTTAAGCCACAAGTTGCAAGTATACTGCGA  
 TATGACCACAGATGGGGGCGCTGGATTGTTTTCCAGAGACGGCAAAATGGCCAACTGATTTTTCCGG  
 AAATGGGCAGATTACCGTGTGGCTTTGGGAATCTGGAGGATGAGTTTTGGCTAGGGCTAGACAACCTACC  
 ACAGGATAACAGCCAGGCGCTATGAGCTGCGTGTGGATATGCGGGATGGACAGGAGGCCGCTTTTGC  
 TACTATGACAAGTTCGCTGTGGAGGACAGCAGAAGCCTGTACAAGCTCCGTATAGGAGGCTACAATGGC  
 ACTGCAGGAGACTCCCTTAGCTATCACCAGGGACGTCCTTTCTCCACTGAGGACAGAGACATGATGTTG  
 CAGTCACCAACTGTGCCATGTCATAACAAGGTGCTTGGTGGTATAAGAAGTACCACCGGACCAACCTCAA  
 CGGGAAGTATGGGGAGTCCAGGCACAGTCAAGGGATCAACTGGTACCATTGGAAAGGCCATGAATTTCTC  
 ATCCCCTTTGTAGAAATGAAGATGAGGCCCTACATCCATCGTCTCACAGCCGGGAGGAAACGGCGAGCCT  
 TGAATTCTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:

Sgfl-Mlul

ACCN:

NM\_013045

Insert Size:

4071 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).

<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_013045.1</a></u> , <u><a href="#">NP_037177.1</a></u>
<b>RefSeq Size:</b>	6455 bp
<b>RefSeq ORF:</b>	4071 bp
<b>Locus ID:</b>	25567
<b>UniProt ID:</b>	<u><a href="#">Q05546</a></u>
<b>Cytogenetics:</b>	13q22
<b>Gene Summary:</b>	an extracellular matrix protein; involved in regulating neurite outgrowth [RGD, Feb 2006]