

## Product datasheet for **SC303291**

### TNR (NM\_003285) Human Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** TNR (NM\_003285) Human Untagged Clone  
**Tag:** Tag Free  
**Symbol:** TNR  
**Synonyms:** TN-R  
**Vector:** pCMV6 series

**Fully Sequenced ORF:** >NCBI ORF sequence for NM\_003285, the custom clone sequence may differ by one or more nucleotides

```

ATGGGGGAGATGGGAAACAGTGGTTCTGAAGAACATGCTCATTGGCATCAACCTGATC
CTTCTGGGCTCCATGATCAAGCCTTCAGAGTGTGAGGTCACCACAGAAAGGGTC
CAGAGACAGTCAAGTGGAGGAGGAGGAGGCATTGCCAACTACAACACATCCAGCAAAGAG
CAGCCTGTGGTCTTCAACCACGTGTACAACATTAACGTGCCCTTGGACAACCTCTGCTCC
TCAGGGCTAGAGGCTCTGCTGAGCAGGAGGTGAGTGCAGAAGACGAGACTCTGGCAGAG
TACATGGGCCAGACCTCAGACCACGAGAGCCAGGTCACCTTTACACACAGGATCAACTTC
CCCAAAAAGGCCGTCCATGTGCCAGTTCAGCCCAGGTGCTGCAGGAGCTCTGAGCCGG
ATCGAGATGCTGGAGAGGAGGTGTCGGTGTGCGAGACCAAGTCAACGCCAACTGCTGC
CAAGAAAGTGTGCCACAGGACAACCTGGACTATATCCCTCACTGCAAGTGGCCACGGCAAC
TTTAGCTTTGAGTCTGTGGCTGCATCTGCAACGAAGGCTGGTTTGGCAAGAATTGCTCG
GAGCCCTACTGCCCGCTGGGTTGCTCCAGCCGGGGGTGTGTGTGGATGGCCAGTGCATC
TGTGACAGCGAGTACAGCGGGATGACTGTTCCGAACCTCCGGTGGCCAAACAGACTGCAGC
TCCCGGGGGCTCTGCGTGGACGGGGAGTGTGTCTGTGAAGAGCCCTACACTGGCGAGGAC
TGCAGGAACTGAGGTGCCCTGGGGACTGTTCCGGGAAGGGGAGATGTGCCAACGGTACC
TGTTTATGCGAGGAGGGCTACGTTGGTGGAGACTGCGGCCAGCGGCAGTGTCTGAATGCC
TGCAAGTGGGCGAGGACAATGTGAGGAGGGCTCTGCGTCTGTGAAGAGGGCTACCAAGGGC
CCTGACTGCTCAGCAGTTGCCCTCCAGAGGACTTGCAGTGGCTGGTATCAGCGACAGG
TCCATTGAGCTGGAATGGGACGGGCCGATGGCAGTGACGGAATATGTGATCTCTTACCAG
CCGACGGCCCTGGGGGGCCTCCAGCTCCAGCAGCGGGTGCCTGGAGATTGGAGTGGTGTG
ACCATCACGGAGCTGGAGCCAGGTCTCACCTACAACATCAGCGTCTACGCTGTCTATTAGC
AACATCCTCAGCCTTCCATCACTGCCAAGGTGGCCACCCATCTCTCACTCCTCAAGGG
CTACAATTTAAGACGATCACAGAGACCACCGTGGAGGTGCAAGTGGGAGCCCTTCTCATT
TCCTTCGATGGTGGGAAATCAGCTTCATTCCAAGAACAATGAAGGGGGAGTGATTGCT
CAGGTCCCAGCGATGTTACGTCTTTAACAGACAGGACTAAAGCCTGGGGAGGAATAC
ATTGTCAATGTGGTGGCTCTGAAAGAACAGGCCCGCAGCCCCCTACCTCGGCCAGCGTC
TCCACAGTCATTGACGGCCCCACGCAGATCCTGGTTTCGCGATGTCTCGGACACTGTGGCT
TTTGTGGAGTGGATTCCCCTCGAGCCAAAGTCGATTTTCATTCTTTTGAATATGGCCTG
GTGGGCGGGGAAGGTGGGAGGACCCTTCCGGCTGCAGCCTCCCTGAGCCAATACTCA
GTGCAGGCCCTGCGGCCCTGGCTCCCGATACGAGGTGTGAGTCAAGTCCGAGGGACC

```



[View online »](#)

```

AACGAGAGCGATTCTGCCACCACTCAGTTCACAACAGAGATCGATGCCCCCAAGAACTTG
CGAGTTGGTTCTCGCACAGCAACCAGCCTTGACCTCGAGTGGGATAACAGTGAAGCCGAA
GTTCCAGGAGTACAAGGTTGTGTACAGCACCCCTGGCGGGTGAGCAATATCATGAGGTAAGT
GTCCCCAGGGGCATTGGTCCAACCACAGGGCCACCCTGACAGATCTGGTACCTGGCACT
GAGTATGGAGTTGGAATATCTGCCGTATGAACCTCACAGCAAAGCGTGCCAGCCACCATG
AATGCCAGGACTGAACTTGACAGTCCCCGAGACCTCATGGTGACAGCCTCCTCGGAGACC
TCCATCTCCCTCATCTGGACCAAGGCCAGTGGCCCCATTGACCACTACCGAATTACCTTT
ACCCCATCCTCTGGGATTGCCTCAGAAGTCACCGTACCCAAGGACAGGACCTCATACACA
CTAACAGATCTAGAGCCTGGGGCAGAGTACATCATTTCCGTCACCTGCTGAGAGGGGTCGG
CAGCAGAGCTTGGAGTCCACTGTGGATGCTTTCACAGGCTTCCGTCATCTCTCATCTG
CACTTTTCTCATGTGACCTCCTCCAGTGTGAACATCACTTGGAGTGATCCATCTCCCCCA
GCAGACAGACTCATTCTAACTACAGCCCCAGGGATGAGGAGGAAGAGATGATGGAGGTC
TCCCTGGATGCCACCAAGAGGCATGCTGTCTGATGGGCCTGCAACCAGCCACAGAGTAT
ATTGTGAACCTTGTGGCTGTCCATGGCACAGTACCTCTGAGCCATTGTGGGCTCCATC
ACCACAGGAATTGATCCCCAAAAGACATCACAATTAGCAATGTGACCAAGGACTCAGTG
ATGGTCTCCTGGAGCCCTCCTGTTCATCTTTCGATTACTACCGAGTATCATATCGACCC
ACCCAAGTGGGACGACTAGACAGCTCAGTGGTGCCCAACACTGTGACAGAATACACCATC
ACCAGACTGAACCCAGCTACCGAATACGAAATCAGCCTCAACAGCGTGCAGGGCAGGGAG
GAAAGCGAGCGCATCTGTACTCTTGTGCACACAGCCATGGACAACCCTGTGGATCTGATT
GCTACCAATATCACTCCAACAGAAGCCCTGCTGCAGTGGAAAGGCACCAAGTGGGTGAGGTG
GAGAACTACGTCAATTGTTCTTACACACTTTCAGTTCGCTGGAGAGACCATCCTTGTGAC
GGAGTCAGTGAGGAATTCGGCTTGTGACCTGCTTCTAGCACCCACTATACTGCCACC
ATGTATGCCACCAATGGACCTCTCACCAGTGGCACCATCAGCACCAACTTTTCTACTCTC
CTGGACCCCTCCGGCAAACCTGACAGCCAGTGAAGTCACCAGACAAAGTGCCTGATCTCC
TGGCAGCCTCCCAGGGCAGAGATTGAAAATTATGTCTTGACCTACAAATCCACCGATGGA
AGCCGCAAGGAGCTGATTGTGGATGCAGAAGACACCTGGATTGACTGGAGGGCCTGTTG
GAGAACACAGACTACACGGTGTCTCCTGCAGGCAGCACAGGACACCACGTGGAGCAGCATC
ACCTCCACCGCTTTCACCACAGGAGGCCGGGTGTTCCCTCATCCCCAAGACTGTGCCAG
CATTTGATGAATGGAGACACTTTGAGTGGGGTTTACCCCATCTTCTCAATGGGGAGCTG
AGCCAGAAATTACAAGTGTACTGTGATATGACCACCGACGGGGGGCTGGATTGTATTC
CAGAGGGCGCAGAATGGCCAAACTGATTTTTTCCGAAATGGGCTGATTACCGTGTGGC
TTCCGGAAACGTGGAGGATGAGTTCTGGCTGGGGCTGGACAATATACACAGGATCATATCC
CAGGGCCGCTATGAGCTGCGCGTGGACATGCGGGATGGCCAAGAGGCCCGCTTCGCTCC
TACGACAGGTTCTCTGTGAGGACAGCAGAAACCTGTACAAACTCCGCATAGGAAGCTAC
AACGGCACTGCGGGGACTCCCTCAGCTATCATCAAGGACGCCCTTTCTCCACAGAGGAT
AGAGACAATGATGTTGCAGTGACTAACTGTGCCATGTCGTACAAGGGAGCATGGTGGTAT
AAGAAGTCCACCGACCAACCTCAATGGGAAGTACGGGGAGTCCAGGCACAGTCAGGGC
ATCAACTGGTACCATTGGAAAGGCCATGAGTTCTCCATCCCCTTGTGGAATGAAGATG
CGCCCCACAACCACCGTCTCATGGCAGGGAGAAAACGGCAGTCTTACAGTTCTGA

```

**Restriction Sites:**

Please inquire

**ACCN:**

NM\_003285

**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:**

This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.

<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_003285.1</a></u> , <u><a href="#">NP_003276.2</a></u>
<b>RefSeq Size:</b>	4716 bp
<b>RefSeq ORF:</b>	4077 bp
<b>Locus ID:</b>	7143
<b>UniProt ID:</b>	<u><a href="#">Q92752</a></u>
<b>Cytogenetics:</b>	1q25.1
<b>Protein Families:</b>	Druggable Genome
<b>Protein Pathways:</b>	ECM-receptor interaction, Focal adhesion
<b>Gene Summary:</b>	<p>This gene encodes a member of the tenascin family of extracellular matrix glycoproteins. The encoded protein is restricted to the central nervous system. The protein may play a role in neurite outgrowth, neural cell adhesion and modulation of sodium channel function. It is a constituent of perineuronal nets. [provided by RefSeq, Aug 2013]</p> <p>Transcript Variant: This variant (1) represents the longer transcript and encodes the longer isoform (1).</p>