

## Product datasheet for RN215152

### Tbx2 (NM\_001107033) Rat Untagged Clone

#### Product data:

Product Type: Expression Plasmids  
 Product Name: Tbx2 (NM\_001107033) Rat Untagged Clone  
 Tag: Tag Free  
 Symbol: Tbx2  
 Vector: pCMV6-Entry (PS100001)  
 E. coli Selection: Kanamycin (25 ug/mL)  
 Cell Selection: Neomycin  
 Fully Sequenced ORF: >RN215152 representing NM\_001107033  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGATCGCC**

ATGGTCATCACCAAGTCCGGGAGGCGGATGTTCCCCCCTTCAAGGTGCGAGTCAGCGGCCCTGGACAAGA  
 AGGCCAAGTACATCCTGCTGATGGACATTGTGGCTGCCGATGACTGCCGATATAAGTTTCACAACTCGAG  
 ATGGATGGTGGCAGGCAAAGCCGACCCGAGATGCCTAAACGCATGTACATCCACCCGGACAGTCCGGCC  
 ACGGGGGAGCAGTGGATGGCCAAGCCCGTGGCCTTCCACAACTGAAGCTAACCAACAACATTTCTGACA  
 AGCATGGCTTACCATCCTGAACTCCATGCACAAGTACCAGCCGCGCTTCCACATCGTGCAGCCAACGA  
 CATCTTGAAGCTCCCATACAGTACCTTTTCGCACCTATGTCTTCCAGAGACTGACTTCATCGCTGCTCACT  
 GCCTACCAGAATGACAAGATTACACAAGTGAAGATCGACAACAACCCTTTTGCCAAGGGCTTCCGGGACA  
 CCGGGAACGGCCGTGGGAGAAAAGGAAGCAGCTAACGCTGCCACTCTCCGTTTGTATGAGGAGCACTG  
 TAAACCGAGCGTGACGGCGCTGAATCCGATGCCTCGTCTGCGACCCTCCGCTGCGCGCAACCACCG  
 CCCTCCCCAGCGCAGCCAGCCCTCTACGCTGCACCGGGCCGAGCCGAGGAGAAGCCGTGCGCAG  
 CCGACAGCGACCCTGAGCCGGAGCGGTGGGCGAGGAGCGCGCCGAGCGCCCTGGGCCGAGCTTTC  
 GCGGGACGCCAGCCCGCTCGCCTGACCGAACCCGAACGCTCCCGGAGCGGCGCAGCCCGAGAGGGGC  
 AGCAAGGAACCGACGGAGGGCGGTGGGACGGCCATTTAGTCTGCGGAGCCTGGAGAAGGAGCGCGCGG  
 AGGCCCGGAGGAAGGATGAGGGGCGCAAGGACGTGGGCGAAGGCAAGGACGAGCCCTCTCCCCGGCCGG  
 GAGTCTCCAAGTGAAGGACCGCTTGGCTGCTGCGCTGCCACACGAGCCTGTCCGGCTGGGCTCTCTGCC  
 TCGGCTGTTTGGGACGTGTACAGCACAGAATGGGTATTTATT**TAA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI  
 ACCN: NM\_001107033  
 Insert Size: 1095 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><a href="#">NM_001107033.1</a></u> , <u><a href="#">NP_001100503.1</a></u>
<b>RefSeq Size:</b>	1234 bp
<b>RefSeq ORF:</b>	1095 bp
<b>Locus ID:</b>	303398
<b>Cytogenetics:</b>	10q26