

Product datasheet for **RN203068**

Tbx3 (NM_181638) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Tbx3 (NM_181638) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Tbx3
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN203068 representing NM_181638
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGAGCCTCTCCATGAGAGATCCGGTTATCCCTGGGACAAGCATGGCCTATCATCCGTTCTACCTCACC
 GGGCGCCGGACTTCGCCATGAGCGCGGTGCTGGGCCACCAGCCGCTTTCTTCCCGCGCTAACGCTGCC
 TCCAACGGCGCCGCGGCGCTCTCGCTGCCGGAGCCCTGGCCAAACCCATCATGGATCAGTTAGTGGGG
 GCTGCTGAGACCGGCATCCCTTTCTCATCCCTGGGACCCAGGCACATCTGAGGCCTCTGAAGACCATGG
 AACCCGAAGAAGACGTAGAAGACGACCCCAAGGTGCACCTGGAGGCCAAGGAACTTTGGGACCAGTTTCA
 CAAGCGGGGTACAGAGATGGTCATTACGAAGTCAGGAAGGCGAATGTTCCCTCCATTTAAAGTGAGGTGC
 TCTGGGCTGGATAAAAAGCCAAGTATATTTTATTGATGGACATTATAGCTGCTGATGACTGTGATATA
 AGTTTCACAATTCTCGTGGATGGTGGCCGTAAGGCAGACCCCGAAATGCCAAAAAGAATGTACATCCA
 CCCGGACAGCCCGCTACGGGGGAGCAATGGATGTCAAAGTCGTCACCTTCCACAAACTGAAACTCACC
 AACAAATTTTCGGATAAACACGGATTTACTTTGGCCTTCCAAGCGATCACGCAACGTGGCAGGGGAATT
 ATAGTTTTGGGACCCAGACTATACTAAACTCCATGCACAAGTACCAGCCGCGTTCCACATCGTCAGAGC
 CAACGACATTCTGAAACTGCCTTACAGTACCTTCCGCACATACCTGTTCCCGAAACAGAATTCATCGCC
 GTGACTGCCTATCAGAATGACAAGATAACCCAGTTAAAAATAGACAACAATCCTTTTGCAGAAAGTTTTC
 GAGATACTGGCAATGGCAGGAGAGAGAAAAAGAAAGCAGCTCACTCTGCAGTCCATGAGGGTGTGATGA
 GAGGCACAAGAAGGAGACCGGAACCTTCTGATGAGTCTCCAGTGAGCAGGCGCCCTCAACTGCTTTGCC
 CAGGCCCTCTCCCGCTGTGTCCACCGTGGGGACCTCCAACCTCAAAGATCTGTGTCCCAGCGAAGCCG
 AGAGTGACGCGGAGGCTGAAAGCAAGGAGGAGCATGGCCCCGAGGCCTGCGACACGGCCAAAGATTTCCAC
 CACCACAGCGGAGGAGCCGGGCCGACAAAGGCAAGGCAAGTCCAGCCACCAGGGCGCAGCTGTTCCCGCGGAG
 CCCAGCCGGGCCGAGACTGCGCGTCTGGACAAGGCATCGCCAGACTCGCGCCACAGCCCGGCCACCA
 TCTCGTCTAGCACCCGAGTTCGGGAGCGGATGAGCACAGGAGCCCGGACGCGAGGGTCCGGTGTGCGC
 TAAGGTGGATGAGGCTCGAGCGCTGCCGGCCAAGGACGCCTTTGCTCCGCTGTGCGTGCAGACAGAGCC
 ACCGCGCATCTGACGCAGGGGCCCTCCCGGGCTTGGGTTTCCGCCCGGGCCTTGTGCGCCAGCAGTTCT
 TCAACGGGCACCCTCTCTTCTGCACCCGGCCAGTTTGGCATGGGCGGCGCCTTCTCCAGCATGGCTGC
 AGGCATGGGGCCCTGCTGGCCACAGTATCCGGGGCATCCACCGCGTCTCAGGCCTCGATTCCACAGCC
 ATGGCCTCGGCTGCTGCAGCTCAGGGACTGTCCGGGGCTCAGCTGCCACCCTGCCCTTCCACCTCAAC
 AACACGTTCTGGCCTCCAGGGTTTGGCCATGTGCCTTTTGGGAGCCTGTTTCTTACCCTACACATA
 CATGGCTGCAGCTGCTGCGGCCTCTCCGCGGCCGCTCCAGCTCCGTGCACCGCCACCCGTTCTCTCAAT
 TTGAACAGCATGCGCCCCAGGCTGCGTTACAGCCCGTATTCCATCCCGTCCCGGTGCTGATAGCAGCA
 GCTTGCTGGCCACTGCGTTACCGTCCATGGCTTCCGCTGCGGGGCCCTAGACGGCAAATCGGGCGTCT
 GGCAGCCAGCCAGCCTCGGTGGCTGTGGACTCCGGGTGCGAAGTGAATAGCCGCTCATCCACGCTGTCC
 TCCGGCTCAGTGTCTTGTACCCAACTCTGCTCCGAGAAGGAGGCGGCTACCAGCGAACTGCAGAGCA
 TCCAGCGACTGGTCAGTGGCTTGAAGCCAAGCCAGACAGGTCTGCAGCGGGTCCCCT**TAA**

ACGCGTACGCGCGCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-Mlul

ACCN: NM_181638

Insert Size: 2232 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:	<ol style="list-style-type: none">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:	<u>NM_181638.1</u> , <u>NP_853669.1</u>
RefSeq Size:	2232 bp
RefSeq ORF:	2232 bp
Locus ID:	353305
UniProt ID:	<u>Q7TST9</u>
Cytogenetics:	12q16
Gene Summary:	human homolog acts as a transcriptional repressor and plays a role in the development of several organ systems [RGD, Feb 2006]