

Product datasheet for **RN210743**

Tbx1 (NM_001108322) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Tbx1 (NM_001108322) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Tbx1
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN210743 representing NM_001108322
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGCACCTTCAGTACAGTACCAGGGACATGGAAGCCTTCGCGGCCAGCAGTCTGAGCGGCCCTGGGAGCCC
 CGTCGCCTGGCGCCGACCGTTTCGGCCCTCGGGAGCCGCCGCCACCGCGCTACGACCCGTGCACCGCTGC
 CCCCAGTCCCGGGCCCGCCGCTCCGCGCGCGCCTACCCCTTCGCGCCCGCCCGGGGCGGTAGC
 AGCTCGCGCGGGAGTCCGAGGGTCTGGGGCTAGCCGCGCGCCCGGCCAAGGCGCCGGTGAAGAAGA
 ACCCAAAGGTGGCCAGCGTGAGCGTGCAGCTGAAATGAAGGCGCTATGGGACGAGTTCAATCAGCTGGG
 CACCGAGATGATCGTACCAAGGCAGGCAGACGAATGTTCCACCTTCCAAGTGAAGCTTTTTGGAATG
 GACCCGATGGCTGACTACATGCTCCTCATGGACTTTGTGCCTGTGGATGACAAGCGCTACCGGTACGCTT
 TCCACAGCTCCTCTGGCTGGTGGCTGGCAAGGCAGATCTGCCACCCCTGGCCGAGTGCCTACACCC
 GGACTCGCCCGCAAGGGCGCGCAGTGGATGAAGCAGATCGTATCTTTCGACAAGCTGAAGCTACCAAT
 AACCTGCTGGACGACAATGGCCACATTATCTTAACTCCATGCACAGATACCAGCCCGTTTCCATGTTG
 TTTATGTGGACCTCGAAAAGACAGCGAGAAATACGCAGAGGAGAACTTCAAACCTTTGTGTTGAGGA
 GACACGCTTCACTGCAGTACCAGCCTACCAGAATCACCGGATCACGCAGCTTAAGATTGCCAGCAACCCC
 TTCGCCAAAGGCTTCGGGACTGCGACCCGGAGGACTGGCCCCGAAACCACCGCCCGGAGCGCTGCCGC
 TTGTAAGTGCCTTTGCTCGCTCTCGGAATCCCGTGGCTTCCCCACGCAGCCCAACGGAGCGGACAAAGA
 TGTGGCAGAAGCCCGCGCGAGTTCGACCGTACTCTGGACCCGAGCGCTCGGCGACGCCACGCACCCCG
 CCGCAGCTGCTGGCGCGGTGCTGAGCCCGCAGCTGATCTGCGCTGGAGGCTCCGGGCGCATCCGAACCGCT
 GATCCGGAGGCCACAGTCCCGCAGCTGATCTGCGCTGGAGGCTCCGGGCGCATCCGAACCGCT
 GCACCACATCCCTACAAGTACCCGCGCGCCCTACGACCACTACCTCGGGGCCAAGAGCCGCGCCGCG
 CCCTACCGCTGCCAGGCTGCGCGGCCACGGCTACCACCCACATGCGCACCCGACGCGCACCCGACCC
 ACCACCCACCCGGCGGTGAACCCGGCCGCGCCGCGCGCAGCAGCAGCAACGTGTAATCTCTCCT
 GGCGGCCGCGCCCGCTGCTACGACTACTGCCCCAGATAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001108322

Insert Size: 1443 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_001108322.1, NP_001101792.1
RefSeq Size: 1855 bp
RefSeq ORF: 1443 bp
Locus ID: 360737
Cytogenetics: 11q23