

Product datasheet for **RN213877**

Tbx18 (NM_001108173) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Tbx18 (NM_001108173) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Tbx18
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN213877 representing NM_001108173
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGGCGGAGAAGCGGAGGGGCTCACCGTGCAGCATGCTAAGCCTCAAGGCGCATGCCTTCTCGTGGAGG
 CACTGATCGGCGCGAAAAGCAGCAACAGCTTCAAAGAAGCGGAGAAAGCTGGCCACGGAAGAGCGGC
 CGGGCGGTGGACGACGAGGCTGCAGCGTGGCGGAGGCGGAGAGAACACCGCTGCACCGAGGCCGAC
 GAAGACCCGGCTCCCCGCCGCCGAGCCGGGTGGCGTCCGGGCCGCGCGGAGCTGCACGGACGCCG
 AACGGAGCTGTGCTTCCCGCGGACCCGCGGCGAGCTGTGAGGACGGTTTCTTGCAGGGCGCTTCCCCGCT
 GGCGTCCCCGGGAGGTTCCCGAAAGGGTCTCCGGTACCTGGCCTGGCACGGCCGGGACCCCGTGC
 GCGCCACAGGCCCAAGAGTGGATCTGCAAGGAGCAGAACTCTGAAACGCTTTCACGAAATAGGCACCG
 AGATGATCATACCAAAGCCGGCAGGCGCATGTTCCAGCGATGCGAGTGAAGATCTCCGGTTAGATCC
 TCACCAACAATATTACATTGCCATGGATATTGTGCCCGTGACAACAAAAGATACAGATATGTTTACCAC
 AGCTCTAAATGGATGGTGGCAGGAAATGCTGATTCGCCCGTGCCACCCGAGTATACATTATCCAGACT
 CACCGGCTCTGGGGAGACTTGGATGAGACAAGTGATCAGCTTCGACAAGCTGAAACTTACCAACAACGA
 ACTGGATGACCAAGGCCATATCATTCTTATTCTATGCACAAATACCAACCGCGAGTGCACATCATCCGT
 AAAGACTGCGGGGACGATCTGTCCCCATCAAGCCGTTCCCTCGGGAGAGGGAGTGAAGGCGTTCTCT
 TTCCAGAAACAGTCTTCACTACTGCCTATCAGAATCAGCAGATTACTCGCTGAAGATAGACAG
 GAATCCATTTGCCAAAGGCTTCCGAGACTCTGGGAGGAACAGAATGGGTTTGAAGCTCTGGTGGAGTCA
 TATGCATTCTGGAGGCCATCACTACGAATCTCACCTTGAAGATATTCTGGAATCCCAAAGCAAGGCA
 ACACAAGTTCTCAGCTACTCCAGTACTGGGAATGGCGTTCTGCTGCGCACCTCACCTGCTGTC
 TGGCTCCTCCTGTTCTCTCTGCTTCCATCTGGGGCCCAACACCAGCCAGCTGTGTAGTATGGCTCCC
 GCTGACTATTCTGCCTGCGCCCGGTGAGCCTTGTCTCAACCGATACAGCACGTCCTTGGCAGAGACCT
 ACAACAGGCTTACCAACCAGAGCAGCGAGACCTTGGCCACCCAGGACTCCCTCTATGTGAGTGTGAG
 CAGCCCCCTGTGAACATGTCCATGGGCGGACGGACGGGACACCTTCCAGCTGCCCGCAGACCAGCCTG
 TCCATGCAGATTCAGGAATGTCCCTCAACTGCAGTACATCATCCGTCACCATCCAGCAATGCCTTGT
 CTGCTAACAGACCCATCAGGGTCTACAACACTTCCGATTGCACAGTCCCTGTGCCTGTATGGATA
 TAATTCTCCACATCCCCAACTGGCTGCCAGTCTGAGAAAATGTCTCTTCCCAAGGAAGTTTCTTG
 GGGTCGTACCGAGTGGGACCATGACGGATCGGCAGATTTGCCCGGTTGGAAGGAGTGCACCTGCTCG
 GCAGTGGGAACCAGCAGATTTCTTTGACTCCAGGACCTAGGAAGCTTGACTCTGTCTATCTTCAAGT
 GTCTGCGCATATGGT**CTGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_001108173
- Insert Size:** 1839 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_001108173.1](#), [NP_001101643.1](#)

RefSeq Size: 4611 bp

RefSeq ORF: 1839 bp

Locus ID: 315870

Cytogenetics: 8q31