

Product datasheet for **RN215667**

Tbx4 (NM_001107034) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Tbx4 (NM_001107034) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Tbx4
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN215667 representing NM_001107034
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGCTGCAGGATAAGGGCCTGTCCGAGAGCGAGGAGCCTTCAGGGCCCCGGGCCAGCTCTCGGGGAAA
CCAGCAACAGCAACAACCAACGTCCCGAACCCGCGCTGGCCACGCCGGTCTTAGTGGAACAGCGCT
CAGCAGCCCCCGGGCCAGGGCGCCGACGTCGCGCAGCCGACGCCGCCGCCGCCGCCGCCGCGGAGCAG
ACCATCGAGAACATCAAGGTGGGGCTGCATGAGAAGGAGCTGTGGAAGAAGTTCCACGAGGCAGGCACGG
AGATGATCATCACCAAGGCCGGCAGGAGAATGTTCCCGAGCTACAAGGTAAGTACACAGGCATGAACCC
CAAGACCAAGTACATACTACTCATCGACATTGTCCCTGCGGATGACCATCGCTACAAGTTCTGTGACAAC
AAATGGATGGTTGCTGGGAAGGCTGAGCCAGCCATGCCAGGGAGGCTCTATGTCCACCCGGATTCTCCTG
CCACTGGGGCCACTGGATGCGGCAGTTGGTCTCTTTCCAGAAGCTGAAGCTGACAAAACAACCACCTGGA
CCCCTTTGGCCACATCATCTCACTCCATGCATAAGTACCAACCTCGGCTGCACATCGTTAAGGCCGAT
GAGAACAATGCTTTTGGCTCCAAAAACACAGCCTTTTGCACCCACGTGTTCCAGAGACCTCCTTACATCT
CCGTGACCTCCTACCAGAACCACAAGATCACACAGCTGAAAATCGAGAACAACCCCTTTTGCCAAGGGATT
CCGGGGCAGTGATGACAGTGACCTGCGCGTGGCCCGGTTACAGAGCAAGGAGTATCCAGTGATCTCCAAA
AGCATCATGAGGCAGAGGCTCGTTTCCAGCCAACCTCTCGGCTAAGCCGGATGTCAGCCCCCTGCACAGCA
CACACCAGGCTCTGCAGCACTACCAGTATGAGAATGGGGCCACATGCAGTTTGTGCTGCAGAGCCCCA
GGACCTGCCCCTAACACCTTCCCAACGCAGAGGGATTCTAGCCTCTTCTACCACTGCCTGAAGCGGAGA
GATAGTGCCCCACCTGGACTTGCCTGCAAGCGATCCTACCTGGAACTCCCTCTTTCAGTGGGGGACG
ATCACTATTTCCGTTCTCCCCCTCCCTACGACCAGCAGATGCTGAGCCCTTCTATTGAGTGAGGTGAC
CCCCAGAGAAGCCTGTATGTACTCGAGTTCAGGGCCTGAGATCGCAGGGGTGTCTGCCGTGGACGACTTG
CCCCACCTCCACTGAGCTGTAACATGTGGACGTCGGTGTACCATAACCCAGCTACAGCGTTTCAGACCA
TGGAGACTGTGCCTTACCAGCCCTTCCCAACACTTCCCGCCACCACGATGATGCCTCGGCTGCCCAT
TGCCGCCCAGAGTGCCCGCCAGGAAACGCCACTTTAGTGTGTACAATCAGCTATCCAGTCTCAG
GTCCGAGAGCGAGGTCCCTCTGCTTCTTTCCCTAGAGAGCGTGGCCTCCCTGCGGTGTGTGAGAGGAAGC
CACCTCACCTCACCTGAACACTGCCAACGAGTTCCTCTACTCACAGAGCTTCTTTTGACCCGAGAGTC
ATCCTTACAGTATCATTAGGAATGGGGACTGTCGACAACCTGGACTGATGGATGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001107034

Insert Size: 1665 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_001107034.1](#), [NP_001100504.1](#)

RefSeq Size: 3254 bp

RefSeq ORF: 1665 bp

Locus ID: 303399

Cytogenetics: 10q26