

Product datasheet for **RN212710**

Tbx21 (NM_001107043) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Tbx21 (NM_001107043) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Tbx21
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



[View online »](#)

Fully Sequenced ORF: >RN212710 representing NM_001107043
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGGCATCGTGGAGCCGGGCTGCGGAGACATGCTGACCGGCACCGAGCCGATACCGAGTGACGAGGGCC
 GGGGACCGGAGCGGACCAGCAGCATCGCTTCTTTTATCCGGAGTCGGGCGCACAGGACCCGACCGATCG
 CCGGGCAGTTAGCAGCCTGGGGTCGTCCTATTCTGGGAGCGCCTTGGTGCCTGCCCGCCGGTTCGCTTC
 CTCGGAGCCTACGCCTACCCGCCCGGGCCAGGCGACTGGCTTCCCGGGCCTGGCGAGTCTTCCCGC
 CGCCCGGGTGCAGGAGGCTACCCGCCGGTGGATGGCTACGCTGCCCGGACCCGCGCGCCGGGCTCTA
 TCCAGGGCCCGGAGGACTACGCATTGCCCGGGGTTGGAGGTGTGGGAAGCTGAGAGTCGCGCTC
 AGCAACCACCTGTTGTGGTCCAAGTTCAACCAGCACCAGACAGAGATGATCATCTAAGCAAGGACGGA
 GAATGTTCCCATCTCTGCTTCACTGTGGCCGGGCTGGAGCCACGAGCCATTACAGGATGTTTGTGGA
 TGTAGTCTTGGTGGACCAGCACCCTGGCGGTACCAGAGTGGCAAGTGGTGCAGTGTGGGAAGGCCGAA
 GGCAGTATGCCAGGAACCGCTTATACGTCACCCAGACTCCCAACACTGGAGCCACTGGATGCGAC
 AGGAAGTTTCATTTGGGAACTAAAGCTTACCAACAACAAGGGGCTTCCAACAATGTGACCCAGATGAT
 CGTCTGCAGTCCCTCCATAAGTACCAGCCGGCTCCACATCGTGGAGGTGAATGACGGTGGAGCCAGAG
 GCGGCCTGCAGTGCTAACACTCACATCTTACCTTCCAAGAGACCCAGTTCATTGCCGTGACTGCCTACC
 AGAATGCAGAGATCACTCAGTGAAAATCGACAACAACCCTTTGCCAAAGGATTCGGGAGAACTTTGA
 GTCCATGTATACATCGGTTGATACGAGTGTCCCTCGCCACCTGGACCAACTGTCAACTGCTTGGGGGA
 GACCCCTACTCACCTCTCTGTGAACCACTTCTGCTCCAGCCGTTTCTACCCTGACCTTCCAGGCC
 AGCCCAAAGATATGGTCTCACAGTCTTACTGGCTGGGAACACCTCGGGAACCCAGTTATGAAACAGAGTT
 CCGAGCAGTGAGCGTGAAGCCACATTCTACCCTCTGCTCCTGGGACCACTGTGCCCTACTACCGGGC
 CCAGATGTCTGGCTCCTGGAGCTGTTGGCCATGGCGCCTCAGTATCCTCCTAAGATGAGCCAGCTG
 GCTGGTCCGAACCATGCGAACTCTGCCATGGACCCGGGCTGGGATCCTCAGAGGAACAGGGTCCCG
 TTCGCTGTGGACTGAGGTACCTCCCTCCAGCCGAGCCAGCGACTCAGGACTAGGCGAGGGAGACT
 AAGAGGAGGAGAATATCCCCCTATCCTTCCAGTGGCGACAGCTCCTCTCCGCTGGGGCCCCCTCTCCT
 TTGATAAGGAAACCGAAGGCCAGTTTTATAACTATTTTCCAAC**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_001107043
- Insert Size:** 1587 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_001107043.1](#), [NP_001100513.1](#)

RefSeq Size: 2428 bp

RefSeq ORF: 1587 bp

Locus ID: 303496

Cytogenetics: 10q31