

Product datasheet for **MC210116**

Tbx20 (NM_020496) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Tbx20 (NM_020496) Mouse Untagged Clone
Tag: Tag Free
Symbol: Tbx20
Synonyms: 9430010M06Rik; AL022859; Tbx12
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC210116 representing NM_020496
Red=Cloning site **Blue**=ORF **Orange**=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGGAGTTCACGGCGTCGCCAAGCCCCAGCTCTCCTCTCGAGCCAATGCCTTCTCCATCGCCGCGCTTA
TGTCACGCGCGGCCCAAGGAGAAGGAGGCAGCAGAGAACACCATCAAACCCCTGGAACAATTTGTGGA
GAAATCATCATGTGCCAGCCACTGGGTGAGCTGACGAGTCTGGATGCTCACGCGGAGTTTGGCGCGGG
GGCGGCAGCCCATCCTCATCCTCTCTGTGCACAGAGCCACTGATACCCACCACCCCATCATCCCCAGCG
AAGAGATGGCTAAAATCGCTGCAGCCTGGAAACGAAGGAGCTCTGGGACAAATCCATGAACTGGGCAC
GGAGATGATAATCACCAAGTCTGGCAGGAGGATGTTCCCCACCATCCGCGTGTCAATTTCTGGAGTGGAT
CCTGAGTCCAAGTATATAGTCTGATGGACATCGTCCCGGTGGACAACAAGAGATACCGCTATGCCTACC
ACCGGTCACTCTGGCTGGTGGCTGGCAAAGCTGATCCCCCGTGCCAGCCAGGCTCTACGTGCACCCAGA
CTCCCCCTTTACTGGCGAGCAGCTCCTCAAACAGATGGTGTCTTTTGGAAAGGTGAAGCTACCAACAAT
GAACTGGATCAACACGGCCATATAATTTTGAATTCAATGCATAAGTACCAGCCACGGGTGCATCATAA
AGAAGAAAGACCACAGGCTCCTTGCTCAATCTGAAGTCAGAAGAATTCAGGACGTTTCATCTTTCCAGA
GACAGTTTTTACAGCAGTCACAGCCTACCAGAACCAACTGATAACCAAGCTGAAAATAGACAGCAATCCG
TTTGCCAAAGGATTCCGGGACTCCTCCAGGCTCACTGACATTGAGAGGGA**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_020496
Insert Size: 894 bp



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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:	NM_020496.3 , NP_065242.1
RefSeq Size:	1801 bp
RefSeq ORF:	894 bp
Locus ID:	57246
UniProt ID:	Q9ES03
Cytogenetics:	9 A4
Gene Summary:	<p>Acts as a transcriptional activator and repressor required for cardiac development and may have key roles in the maintenance of functional and structural phenotypes in adult heart. [UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (2) differs at the 3' end compared to variant 1. This results in a frame-shift, and a shorter isoform (b) with a distinct C-terminus compared to isoform a.</p>