

Product datasheet for MC212207

Tbx10 (NM_011533) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Tbx10 (NM_011533) Mouse Untagged Clone
Tag: Tag Free
Symbol: Tbx10
Synonyms: Dc; Tbx7; Tbx13
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC212207 representing NM_011533
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGTCTACAGAAGCCCAAGCCATGGCAGAGCCCACTGGGCAGGGCCCAAGAACCCACGTGTGTCCAGTG
TGATGGTGCAGCTGGAGATGAAGCCACTGTGGGAAGAGTCAACCAGCTGGGCACAGAGATGATTGTCAC
CAAAGCGGGCAGGAGGATGTTCCCAACGTTCCAGGTGAAGATCCTGGGCATGGACACGCTGGCTGACTAC
GCTTTGCTCATGGACTTTATCCCGTTGGATGACAAGAGATACAGGTACGCATTCCACAGTTCTGCCTGGC
TGGTGGCAGGCAAGGCAGACCCTGCCACGCTGGCAGGGTGCACCTCCACCCTGACTCGCCAGCCAAAGGG
TGCCCACTGGATGCGGCAGATTGTGCCTTTGACAACTCAAGCTGACCAACAACCTGATGGACGACAAT
GGCCACATCATCCTCAACTCCATGCATCGTTATCAGCCCCGTTTCCACGTGGTCTTCGTGGACCCACGCA
AGGACAGTGCCCGCTATGCCAGGAAACTTCAAGTCTTTGTCTTACGGAGACCCAGTTTACAGCTGT
GACAGCCTATCAGAACCACAGGATCACGCAGCTGAAAATTGCTAGCAACCCCTTTGCCAAAGTTTACAG
GAGGCTGACCCAGACTCATGGCCTGTGACCCCCGGCCACTGCTCAGCATCCCTGCCGGAGTCGTAGCA
GCCTCAGTCCCTGCCTCCTTAAGGGCTCTGCAGAACGAGAGAAAGATACCAGTAAAGCTTCCGCTTCCAG
CTCCAGGACCCCTACTCAGCCACACAATCAGCTGCTGCCTGCCCTGATGTCTGCTAGCCCCTGCCACC
TACAGACCCCTCCCTTACCAGAACCTGTACCCTGGATCCCAAGCCGTGCTGGGCCCCCAAGAGCTCGGC
TGGCACCTTACCCTCTCCCAACATCAGCACGGCTGGAGATCAGGAGGCCCAACCTCGCAGCTGGGCT
GGGACTCTGCCACCTCTGCCTTGTGCTTGGTGTCTAATCAAGCCTCGCAGTGA

ACGGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_011533



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Insert Size:	1035 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:	<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_011533.2 , NP_035663.1
RefSeq Size:	1621 bp
RefSeq ORF:	1035 bp
Locus ID:	109575
UniProt ID:	Q810F8
Cytogenetics:	19 3.71 cM
Gene Summary:	<p>Probable transcriptional regulator involved in developmental processes.[UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (2) uses an alternate splice site and uses a downstream start codon, compared to variant 1. Isoform 2 has a shorter N-terminus, compared to isoform 1.</p> <p>Sequence Note: The RefSeq transcript and protein were derived from genomic sequence to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.</p>