

Product datasheet for **MC219518**

Tbx15 (NM_009323) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Tbx15 (NM_009323) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Tbx15
Synonyms:	de; Tbx8; Tbx14
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >MC219518 representing NM_009323
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGC**C

ATGAGTGAACGGAGAAGATCTGCAGTCGCCCTGAGCTCCCGAGCACATGCCTTCTCCGTTGAAGCCTTGA
 TCGGCTCAAATAAAAAGCGGAACTGCGAGACTGGGAGGAGAAGGGGCTGGACTTGTCCATGGAGGCGCT
 GAGTCCCGCAGGCCCACTCGGAGACACAGACGACCCGGCGACACAGGCCTGGAGCCCCACCCGGACTCC
 GAGCAGAGCACTGGGTCCGACTCCGAGGTGCTCACCGAGCGGACCTCCTGCTCCTTCAGCACTCACACTG
 ACCTGGCGTCTGGTGTGTCAGGCCCCGCTGCTGCCATGTCTTCCATGGAAGAGATTAGGTGGAGTT
 GCAATGTGCTGACCTCTGGAAGAGGTTCCATGATATCGGAACAGAGATGATCATACCAAAGCAGGCAGG
 AGGATGTTTCTGCCATGAGAGTGAAAATCACTGGCCTGGATCCACATCAGCAATACTATATAGCAATGG
 ACATTGTTCTGTGGACAATAAAGATACAGATATGTGTATCATAGCTCTAAGTGGATGGTGGCTGGCAA
 TGCTGATTTCCCTGTGCCTCCAAGGGTTACATACACCCAGATTCCTAGCTTCTGGAGACACCTGGATG
 AGACAGGTGGTCACTTTTGACAACTCAAGCTGACCAACAATGAACTGGATGATCAAGGACATATTATTT
 TGCACTCCATGCATAAATACCAGCTCGAGTCCACGTGATCCGCAAGACTTTAGCAGTGTCTTTACC
 CACCAAACCTGTGCCTGTGGGGACGGGTGAAAACATTCAACTTTCTGAGACTGTGTTTACCACAGTC
 ACAGCCTATCAGAACCAGCAGATCACCAGATTAATAATTGACCGAAACCCCTTTGCTAAAGGATTAGAG
 ATTCTGGCAGAAACAGAACTGGACTTGAAGCCATCATGGAGACTTATGCATTCTGGAGACCTCCTGTTCC
 CACTGACCTTTGAGGACTTCACTACCATGCAAAAGCAGCAAGGGGGCAGTACAGGTACTTCTCCAACC
 ACCTCCAGCACTGGGACACCATCCCTTCGGCTTCTTCTCATCTCTTATCTCCATCTTGTCTCCTCCAA
 CTTTTCATTTGGCCCCGAATACTTTCAATGTGGCTGTGAGAAAGCCAGCTGTGTAATCTAAACCTCTC
 TGATTATCCACCATGTGCCCCGAAGCAACATGGCTGCCTTACAGAGCTATCCAGGGCTGAGTGACAGTGGC
 TACAACCGGCTCCAGAGTGGCACAGCTTCAGCCACTCAGCCCTCTGAAACCTTCATGCCTCAGAGGACTC
 CATCTCTGATCTCAGGAATACCAACACCTCCCTCGTTGCCAGCAACAGCAAGATGGAAGCCTATGGTGG
 CCAGTTGGGGTCTTCCCACTTCCAGTTTCAGTATGTCATGCAGGCAGGCAATGCAGCCTCCAGTTCC
 TCATCGCCACACATGTTTGGTGGCAGCCACATGCAGCAGAGCTCCTATAATGCCTTCTCCTCCATAATC
 CCTACAATCTGTATGGATACAATTTCCCACTTCCCCAGGCTAGCTGCAAGCCAGAGAACTGAGCGC
 GTCTCAAAGCACTTTACTCTGTTCTTCTCCTTCTAATGGGGCCTTTGGAGAGAGGCAGTACCTGCCTACA
 GGGATGGAGCATAGCATGCATGATCAGCCCTTCAACTAATAATCAGCAGGCTACCAACACCTGTGATG
 GCCGACAGTATGGGGCAGTCCCAGGCTCTGCCTCTCAGATGTCCGTACACATGGTT**TA**A

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Chromatograms: https://cdn.origene.com/chromatograms/ja1865_g05.zip

Restriction Sites: SgfI-MluI

ACCN: NM_009323

Insert Size: 1809 bp

OTI Disclaimer:	Due to the inherent nature of this plasmid, standard methods to replicate additional amounts of DNA in E. coli are highly likely to result in mutations and/or rearrangements. Therefore, OriGene does not guarantee the capability to replicate this plasmid DNA. Additional amounts of DNA can be purchased from OriGene with batch-specific, full-sequence verification at a reduced cost. Please contact our customer care team at custsupport@origene.com or by calling 301.340.3188 option 3 for pricing and delivery. The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. More info
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.
Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	NM_009323.2 , NP_033349.2
RefSeq Size:	3585 bp
RefSeq ORF:	1809 bp
Locus ID:	21384
UniProt ID:	O70306
Cytogenetics:	3 43.03 cM
Gene Summary:	Probable transcriptional regulator involved in the development of the skeleton of the limb, vertebral column and head. Acts by controlling the number of mesenchymal precursor cells and chondrocytes.[UniProtKB/Swiss-Prot Function]