

Product datasheet for **MG226145**

Tbx1 (NM_011532) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Tbx1 (NM_011532) Mouse Tagged ORF Clone
Tag:	TurboGFP
Symbol:	Tbx1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)



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ORF Nucleotide Sequence:

>MG226145 representing NM_011532
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGATCTCGCCGTGTCTAGTCCGTGGCTCACGCAGCTCTCGCACTTCTGCGACGTTGCAGCCTTCGCAG
 CCAGCAGTCTGAGCGGCCTGGGATCCCCGTCGCTGGCGCCGACCCGTTGGGCCCTCGCGAGCCGCCGCC
 ACCGCGCTACGATCCGTGCGCTGCACTCCCGGTGCCCGGGCCCGCCGCGCGCCGCGCCTATCCTTTTC
 GCGCCCGCCCCGGGGCGGCTGGCAGCTCGGCGCGGAGTCCGAGGGTCCGGGGGCTAGCCGCGCGGCTG
 CGGTCAAGGCTCCGGTGAAGAAGAACCCGAAGGTGCCAGCGTGAGCGTGACGCTGGAGATGAAGGCGCT
 GTGGGACGAGTTCAATCAGCTGGGCACCGAGATGATCGTCACCAAGGCAGGCAGACGAATGTTCCCCACG
 TTCCAAGTGAAGCTTTTGGAAATGGATCCCATGGCCGACTACATGCTGCTCATGGACTTTGTGCCGTAG
 ATGACAAGCGCTACCGGTATGCTTTCCATAGCTCCTCCTGGTGGTGGCCGGCAAGGCAGATCCTGCTAC
 ACCTGGCCGAGTACACTACCACCCGACTCGCCGGCTAAGGGCGCACAGTGGATGAAACAGATTGTGTCT
 TTGACAAGCTGAAACTGACCAATAACCTGCTGGATGACAATGGCCATATTATTCTCAACTCCATGCACA
 GATATCAGCCCCGATTCCATGTTGTCTATGTGGACCTCGAAAAGACAGTGAGAAATATGCAGAGGAGAA
 CTTCAAACTTTTGTGTTTGGAGAGACACGCTTCACTGCAGTCACTGCCTACCAGAATCACCGGATCACG
 CAGCTTAAGATTGCCAGCAACCCCTTCGCCAAAGGCTTCCGGGATTGCGACCCGGAGGACTGGCCCCGGA
 ACCACCGGCCCGGAGCGCTGCCGCTCGTGAGTGCCTTTGCTCGCTCTCGGAATCCCGTGGCTTCCCCAC
 GCAGCCCAATGGCTCAGACAAAGACGCTGCAGAAGCCCGCGGAGTTCGACCGTGACTCCGGACCCGCA
 GCGCTCGGCGACGCTACGCACCCCGCAGCTGCTGGCGCGGTGCTGAGCCCCGCACTGCCCGGCGCTG
 GCGGCCCTCGTCCCGTACCCGGCGGATCCGGAGGCCGCCACAGTCCCCCGCACGCCGATCTGCGCCCTGGA
 GCGCCCGGGCGCGTCCGAGCCGCTGCACCACCATCCCTACAAGTACCCCGCCGCCGCTACGACCATAC
 CTCGGGGCCAAGAGCCGCGCCGCCCTACCCGCTGCCAGGCTGCGCGGCCACGGCTACCACCCGACG
 CGCACCCGCACGCGCACCCGACCATACCACCACCCCGCGGTGAACCCGGCCGCCCGCGCGCTGCTGC
 CGCAGCAGCCAACGTGTACTCGTCGGCGCCGCCGCCCGCGCTACGACTACTGCCCCAGA

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA

Protein Sequence:

>MG226145 representing NM_011532
 Red=Cloning site Green=Tags(s)

MISAVSSPWLQLSHFCDVAFAASSLSGLGSPSPGADPFGPREPPPPRYDPCAAVPGAPGPPPPRAYPF
 APAPGAAGSSAAESESGASRAAAVKAPVKKNPKVASVSVQLEMKALWDEFNQLGTEMIVTKAGRRMFPT
 FQVKLFGMDPMADYMLLMDVFPVDDKRYRYAFHSSSWLVAGKADPATPGRVHYHPDSPAQGAQWMKQIVS
 FDKLKLNNLLDDNGHIILNSMHRYPFRFHVYVDPKDKSEKYAEENFKTFVFEETRFTAHTAYQNHRT
 QLKIASNPFKGFRCDEDPEDWPRNHRPGLPLVSAFARSRNPVASPTQPNGSDKDAEARREFDRDSGPA
 ALGDATHPPQLLARVLSPALPGPGLVPLPGSGGRHSPHADLRLEAPGASEPLHHHPYKYPAAAYDHY
 LGAKSRPAPYPLPGLRGHYHPHAHPAHPHHHHHPAVNPAAAAAAAAAANVYSSAAAPPAYDYCPR

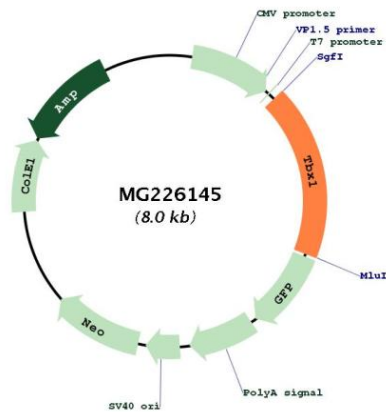
TRTRPLE - GFP Tag - V

Restriction Sites:

SgfI-MluI

RefSeq:	<u>NM_011532.2</u>
RefSeq Size:	1777 bp
RefSeq ORF:	1467 bp
Locus ID:	21380
UniProt ID:	<u>P70323</u>
Cytogenetics:	16
Gene Summary:	Probable transcriptional regulator involved in developmental processes. Is required for normal development of the pharyngeal arch arteries.[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for MG226145