

Product datasheet for **MC205613**

Tgif1 (NM_009372) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Tgif1 (NM_009372) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Tgif1
Synonyms:	AA959811; AI462167; Tgif
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>BC005724

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CGGACCGTGGGCCGAGGTGCGCCGAGTGGAGCGGAAACAAAGGAGCTGAGTAGGGAGGGAGGGAATTG
GGCCAGGGAGAACCCTCGCTGGCTGCCAGAAGATCCCGACTGGAGGAAGCCCAAGTGCTCACTTGAATTC
CAACCCAGAAGCCAGCGCTGAGACCGGAGCACCTTGTTTAGCAATAGTGGTTGGAACACTCTCTGTAA
GTTACCGGAGCACTAGTATAGGAGGAGGATCATCGACTACCCTCCCGCCACTCCACGGCTGCTGGCTCCT
AGAAACCCAGCTTCACCTCTCACTGGGACTCGAGTTCAGAATGAAAAGCAAGAAGGGTCTTGTTCAG
CATCTGGCAGTACTCTGAGGATGAAGACAGCATGGACAGTCCCCTGGACCTTTCCTCATCAGCAGCCTC
TGGCAAGAGAAGGAGGAGGCAATCTGCCAAGGAGTCACTCCAGATTCTGCGAGACTGGCTGTATGAA
CACAGATACAACGCCTATCCCTCAGAGCAAGAGAAAGCACTGCTGTCCAGCAGACACCTGTCCACAC
TACAGGTCTGTAAGTTCATCAACGCCCGCCGAGGCTCCTTCTGACATGCTGAGAAAGGATGGCAA
AGATCCAAATCAGTTCACGATTTCCCGCGTGGGGCCAAGATTTGAGAAGCTAGCTCTATTGAAGCTGCA
ATGGGTATCAAAAACCTCATGCCAACTCTAGAAGAGAGCCCATTTTCTTCTGCGTAGTTGGACCCAACC
CAACCCTAGGGAGACCAGTGTCTCCCAAACCTCCCTCCCGAGGATCCATTTTGGCTCGCCCGTCACTGAT
CTGCCATACCACTGTGACTGCATTGAAGGATGGGCCTTCTCTCTCTGTGAGCCGATTGGTGTGGGACAG
AGTACAGATGTACCGCAATAGCACCCAGCAACTTTACAGACACCTCTCTCGTGTACCCAGAGGACACTT
GCAAACTCTGGACCCAGTCCAAACCTCAGAGTGGTCTTTTCAACACTCTCCCTACTCCACCAGACCT
CAACCAGGATTTTAGTGGATTCCAGCTTCTAGTGGATGTTGCACTCAAACGAGCGGCAGAGATGGAGCTT
CAGGCCAAACTCACAGCTTAACCGTTTTTCAAACAAAACAGTTCTCCAAAATACGGTCTGTATTGCCGG
GGGTGATGGCAAGAGATGCATTATTTTATATTTTTCTATTAATTTTGCACATGGGATTGCTCAGACG
AAGCTTCTGTTACTAAGATGTCTTCAGTGAATAGAGTCAATCCAAGAACTACAAACTAAAGCTACTGT
AGAAACAAGGGTTTTCTTTTGAATGTTTCTGGTAGTTTTCTCATAATGTGAGACGGTCCAGATATCA
TGTGATCTTCTCTCCAGACTCCTCCTTTATGTTCCAAGACTGTGCAATACTTTAGACGCCCTCGCAC
CTCTCTTCCCATGTGGAATGGGACGCCACCTACAGTCTAATGAGTAACTTTTCAAGTTTTTGTGTTGT
TTGTTTTTTTTAGATTCAGCAAGTATGAATCTAGTTGTTGGATACCTTTTTTTCATGATGAATAAAGT
ATTTTCTTTAAAAA

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Restriction Sites: RsrII-NotI



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ACCN:	NM_009372
Insert Size:	819 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:	BC005724 , AAH05724
RefSeq Size:	1635 bp
RefSeq ORF:	819 bp
Locus ID:	21815
UniProt ID:	P70284
Cytogenetics:	17 E1.3
Gene Summary:	<p>Binds to a retinoid X receptor (RXR) responsive element from the cellular retinol-binding protein II promoter (CRBP-II-RXRE). Inhibits the 9-cis-retinoic acid-dependent RXR alpha transcription activation of the retinoic acid responsive element. May participate in the transmission of nuclear signals during development and in the adult, as illustrated by the down-modulation of the RXR alpha activities (By similarity).[UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (2) represents use of an alternate promoter and 5' UTR, and uses a distinct start codon, compared to variant 1. The resulting isoform (b) has a shorter and distinct N-terminus, compared to isoform a. Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.</p>