

Product datasheet for **MC221940**

Tcirg1 (NM_001167784) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Tcirg1 (NM_001167784) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Tcirg1
Synonyms:	ATP6a3; Atp6j; ATP6N1C; oc; OC-116; OPTB1; Stv1; TIRC7; Vph1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >MC221940 representing NM_001167784
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGGGCTCTATGTTCCGGAGTGAAGAGGTGGCCTTGGTCCAGCTCCTGTTGCCACAGGGTCTGCTTACA
 ACTGTGTGAGCCAGCTTGGTGGCTGGCCTCGTGGAGTTCAGAGACCTCAACGAATCCGTGAGCGCCTT
 CCAGAGACGCTTCGTGGTAGACGTCCGGCGCTGCGAGGAAGTGGAGAAGACGTTTACCTTCTGCGGAA
 GAAGTGCAGCGGGCAGGTCTGACGCTGGCCCCACCTGAGGGGACACTGCCAGCACCACTCCCCGAGACC
 TGCTGCGCATCCAGGAGAAACGGATCGCTTGGCCAGGAGCTTCGGGATGTTCTGTGGCAATCAGCAGGC
 ACTGCGGGCCAGCTGCACCAGCTGCGGCTTCACTCGGCTGTGCTGGCCAGAGCCACAGCCCGCCGGTG
 GCAGCTGACCATACTGAAGGACCCTTCTGAGACAACACCCCTGCTTCCAGGCACCCGGGGCCACATT
 CAGACCTGAAGGTCAATTTGTGGCAGGTGCTGTGGAGCCCTACAAGGCTGCGGCCCTGGAGCGCCTGCT
 GTGGAGAGCTTGGCGGGCTTCTCATTGCCAGCTTTCGGGAGACTGAGGGGCAGCTGGAGACCCAGTG
 ACGGGTGAGCCTGCAACTTGGATGACCTTTGTCACTCCTACTGGGGTGAGCAGATCGGACAGAAGATCC
 GAAAGATCACAGACTGCTTCCACTGTATGCTTCCCATACCTGGAGCAGGAGGAAGCCCGTTCAGGAC
 CTTGCAGCAGCTGCAGCAGCAAAGCCAGGAGCTTCAGGAAGTCCCTGGGGGAGACAGACCGGTTCTGAGC
 CAGGTGTTGGGCCGGGTGCAGCAGCTGCTGCCCCATGGCAGGTGCAGATCCACAAGATGAAGGCAGTGT
 ACCTGACCCTCAACCAGTGCAGTGTGAACACCACACAAGTGCCTCATCGCGGAGGTCTGGTGTGCCGC
 GAGGGACCTGCCACTGTGCAGCAGGCGCTGCAGAGCGGCTCAAGTGAGGAAGGAGTGAGTGTGTGCTG
 CACCGCATCCCCGCCAGGACATGCCTCAACCCTCATCAGGACCAACCGCTTACCTCCAGCTTCCAGG
 GCATTGTGGATGCCTATGGTGTGGCCGCTACAGGGAAGTTAACCTGCTCCCTACACCATCATCACATT
 CCCTTTCTCTTCGCTGTGATGTTTGGCGATGTGGGGCACGGACTGCTCATGTTTCTCTTTGCCCTGGCC
 ATGGTCTCACTGAAAACCGTCCAGCTGTGAAGGCTGCACAAAACGAGATCTGGCAGACCTTCTTTGGGG
 GTCGATACCTACTCCTGCTCATGGGTCTGTTCTCCGTCTACACTGGCTTCTACAATGAGTGTTCAG
 CCGAGCCACCACTATTTCCCTCAGGTTGGAGTGTGGCTGCCATGGCCAACCAGTCAGGCTGGAGTGAC
 GAGTATCTGTCCAGCACTCCATGCTCACCTGAACCCTAACATCACTGGTGTCTTCTTGGACCATATC
 CCTTTGGCATTGACCCGATCTGGAGCCTGGCCACGAACCACCTGAGCTTCTCAACTCCTCAAGATGAA
 GATGTCTGTATCCTTGGGGTACGCACATGGCCTTTGGGGTGTCTCAGCATCTCAACCACGTGCAC
 TTTGGCCAGGCCACCGCTACTGCTGGAGACCTTGCTGAGCTCATCTTCTGCTGGGTCTCTTTGGCT
 ACCTTGTGTTCTCATTGTCTACAAGTGGTGAATGTCTCAGCTGCTAGCGCCTCCTCGGCCCCAGTAT
 CCTCATCACTTCAATATGTTCTCTCTCAAAACCCCAACATCATCTGCTTCCATGGGCAG
 GAAGTGGTACAGTACGTGCTGGTGGTCTGGCTTTGGCTACCGTTCTATCCTGTTGCTGGGCACACCTT
 TGTACCTGCTGCGCCAGCACCGCCACAGAAGAACTCAGAGAAGGCCAGCAGGCCAGCAGGATGAGGA
 CACGGACAAGCTTCTGGCCTCCCTGATGCATCCACCTTGAGAAACAGCTGGAGCCCTGATGAGGAGAAG
 GCTGGGAGCCAGGGGATGAAGAACTGAGTTTGTCCCTTCTGAGATCTCATGCACCAAGCAATCCACA
 CCATTGAGTCTGCTGGGCTGCATCTCAACACAGCCTCCTACTTGCCTCTGGGCCCTGAGCCTGGC
 CCATGCCAGCTGTCTGAGGTCCTGTGGCCATGGTGTGCGCATAGGCCCTGGGCATGGGCCGAGAGATC
 GCGTGGCAGCTGTGGTGTGGTCCCTGTGTTGCTGCCTTTGCTGTGTTGACTGTGGCCATCCTGTTAG
 TGATGGAGGGCTCTCAGCCTTCTGCATGCCCTGCGGTTGCACTGGGTGGAGTTCAGAACAAGTTCTA
 TTCAGGCACCGGCTACAAGCTCAGCCCTTACCTTCACTGTGGACAGTGACT**AG**

ACGGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-Mlul
ACCN: NM_001167784
Insert Size: 2505 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:	<u>NM_001167784.1</u> , <u>NP_001161256.1</u>
RefSeq Size:	3045 bp
RefSeq ORF:	2505 bp
Locus ID:	27060
Cytogenetics:	19 3.62 cM