

Product datasheet for **MC221918**

Trcg1 (NM_001014398) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Trcg1 (NM_001014398) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Trcg1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >MC221918 representing NM_001014398
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGGACAAGCAGTGGTTTCTGCAGCTGGAATTCTCTGGCTGCCCTCTAGTAGTCTCTGCTTCTACCC
 TGACCCTTCTCTACTAATGAAGACCCTGAGCAGTTTCCCTCAGCCCTGGCACATCAGCTCAGCAAAG
 TAGCCGCATTCTACTGGGCATCTGACAGACGCTACTGGTGGTATCAACTCAGTTGAGAGGGAACCGGAG
 GCCCTGGGAGGAGGGCAGGAGGCTCTCTACAGAAGGAGCTGGGGGTCAGGAGTCTCCCTCAATGCCTG
 GCCCTCAGGCAGGGTACACCTGAACCAATCCCTCAGCCCTGACCACATCTGCATCCGACATGGCCTC
 TCAGCCAGTGTCTCTGGGGCTGACCCTATAGAGGAAATCATGGCTCTTGGAACTCTAGAGACAATTACG
 ATGTCATCACCACAGCCTTCTCCAGACATGAATCTGAGCAGAAGTTCGACAAGGCTTTCAGGTTGTGCG
 GGACAGTTCCTGCCTCTGAAACTGGAGAAAAATGTTGCATCTAAACCAGCTTGGCATTAAATTAAGC
 TCCCCCTCCCCCATATTCTCTAGATCTCCACACCTGTTATGGTGTACCCCAATCCACTGTCTACATA
 CCAGTGCCTGCATGGAGGGATGGCCACTCCAGGCCAGAGGCATCCCTCATCTGTGCCACTAGCTCCAAGTA
 CCTCCTTAGGACTGCCTATCTTCCATGGATGCCTAACATACTGAAAGCTACAGAGTCCCTGTTGCCTGC
 ATCTCCTGGAAGATCAGGGCTGGACCTCACCTCCAAGTGGGCTCCAGAGCATCTGAAAACACCGTGGCT
 TTGGACACAGGCCAGTATCCCGTGGTACTTCTGTGCTGCTGTTGCCCTCAGCAACATCCCTTCACAGG
 CATCCTCCCTCCACTCCCTCGCCCTCATCAGCATCACCCCTGTCTGCATCCCATCACCTGCAGCTTT
 GTCCTTCTCCATCACCAGCCTCAATCCTGGTCCCGTTTCTCTGTACCACAGGAGCCAGTACTCT
 CCTAAAGCTCCTGTGTCTGTCAATGCACCCTCACTACAGACTTTTATTAAACCTCAAACCTCGGAC
 CCCAGTAGCTCTACAACCTAGTACCCTGGGCTATGGCTTCCACCAGCCCAATCCACATGCCACGCT
 CTCCCTCCAACATTTCTCTAGCCCTCCCTTACCACATAGCTCTGGCTTACAGAGTCATCTGTACAT
 GCTGATCCTACCCTGGCCTCTACCCTCCCTCACCTGGCCAGGATATGTCTTTCAGGACTTGAGTTTCT
 CCACTGGAGGACGTAGTCATACGACCCACTCTGTGACCTTTAGGATCAACAGCAATCGTTCACAAAAGC
 TGTCTGGAACCTGGTACCCTGGAGCGCTGGCTGCTGAACAGGCTTATCTGCTACCAGCTCCGGTTCATC
 TACCAGGAGCCTTCCCCAATTGAGGAATGTCAGCGCCCTGCTGTTTCGGCTGGCTGTCCAGAGGTGA
 AAGCTCCCTCATTTTGGTCTCCGGATCCCTCGTCCATAGAAATCCTCTGGACTTTGTACCGCAAAGT
 GAAGTCTCCAGATGGTTCGTTGGGTACCTGTCCCTGGCCGACCATGGCCTTTCCTCTGATGGGTACAGC
 ATGACTGACCTTACCAGGAAATCATCAACATTAGCTTACACTCATGAGGCCCTTCTGCCCCAGCTGC
 TTCTGCCTAGTTCTCAGTCTTGTATCCTGCTGGAAAAGCAGACCATCCAGCTGGTACCCACGAAGTGC
 AAGATTCTACAAGGCTGAGCTCCAGAGCCAGCCCTGCTCCTATTCAGCAACGTGAAGGAGTGGGTGAGC
 GTTTACATGGAATACAAATCAAGAGCCCCATCCCATCCGTCTCCAAGGCCCTGGCCAGTACCTGGCCC
 ATCATATAACAGATCCCACCTTCAGAAATCCAGCATAATGGCCAATGGGAGAAAGCAGATCTGGTGT
 TTATGAGATGTGGCTCTTGATCTGGGTACCCCTTACCAAGACCTTGGAGAACAAGACTAGTTCTGAG
 TGCCAGGAGCTTCGTGGACTGCTGACGAGACAGCTAACCTCAGTCCCTCCAGCCTTGAAGAACTTTGGTC
 AAGTGGTGGTGGAGGAATCCACCAGGAACCTGACTGCCAGGGTACAAACGGCCTTCTTTGGGGCTGT
 GCCAGCCAGGCCATCATTCAAGACACCTGCTCCAAGCCCTGGGCTCCCTGCAGGAACTGAGGGTCTG
 CAGTTAGAGATGCTCCTCCAGTCTTGGCACCCAGCTCCAGAGCCTCGAGAGGCCCCAGGGGCGGGG
 CCATGCTGAACCTCCAGCGCTTCACTTCTCTTTGCTGCTGGTGGCTCTTTGTACGGCTCCTCCCTTCAT
 CAATAAGCAAGCCCTATACCTCTCC**TAG**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_001014398
Insert Size: 2478 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_001014398.2</u> , <u>NP_001014420.2</u>
RefSeq Size:	2727 bp
RefSeq ORF:	2478 bp
Locus ID:	541610
UniProt ID:	<u>Q58Y74</u>
Cytogenetics:	9 B