

Product datasheet for **RN209640**

Trpc1 (NM_053558) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Trpc1 (NM_053558) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Trpc1
Synonyms:	Trrp1
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN209640 representing NM_053558
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGATGGCGGCCCTGTACCCGAGCACGGACCTCTCTGGCGTCTCCTCCTCCTCCCTGCCTTCTCCCAT
 CCTCCTCATCGCCAACGAAGTATGGCGCTGAAGGATGTGCGAGAGGTGAAGGAGGAGAACACCTTGAA
 TGAGAAGCTTTTCTTGCTGGCGTGCGACAAGGGTGACTATTATATGGTTAAAAAGATTTTGGAGGAAAA
 AGTTCCAGGTGACTTGAACATAAATTGCGTAGATGTGCTTGGGAGAAATGCTGTTACCATAACTATTGAAA
 ACGAAAGCTTGGATATACTGCAGCTGCTTTGGACTACGGTTGTCAGAACTTATGGAACGAATTCAGAA
 TCCGGAATACTCAACAACAATGGATGTTGCACCAGTTATTTAGCTGCTCATCGTAACAACATGAGATC
 CTCACAATGCTTCTGAAGCAGGACGTGGCTTTGCCAAGCCCCATGCTGTTGGCTGTGAATGCACGCTGT
 GTTCTGCGAAAAACAAAAGGACAGCCTCAGACATTCCAGTTTCGTCTTGATATCTATAGATGTCTGGC
 CAGTCCAGCTCTAATAATGTTAACAGAGGAGGATCCAATTCTGAGAGCGTTTGAACCTTAGTCTGACTTA
 AAGGAACCTCAGCCTTGTGGAGGTGGAATTCGGAATGACTATGAAGAGCTAGCCCGTCAGTGCAAAATGT
 TTGCTAAAGATTTGCTTGCACAAGCTCGGAATTCTCGTGAACGGAAGTTATCCTAAACCATACTCTAG
 TGATGAGCCTCTTGACAAACGAGGACTACTAGAAGAAAGAATGAATTTAAGTCGCTGAAACTTGTATC
 AAATAAACCAGAAGGAGTTTGTCTCCAGTCAAATTGCCAGCAGTTCTGAAACCCGTTTGGTTCCGGAC
 AGATGTCAGGTTACCGCCGTAAGCCACCTGTAAGAAGATAATGACTGTTTTGACAGTTGGCATTCTG
 GCCAGTTCTGCTACTGTGTTACTTGATAGCTCCAAATCTCAATTCGGCAGAATCATTACACACCGTTC
 ATGAAGTTTATTATTCATGGAGCTTCATATTTACATTTCTGCTGTTACTCAATCTACTACTGTGCT
 ACAATGAGGACAAGAAAAATAAATGGGGCCAGCCCTTGAGAGAATAGACTACCTTCTCACTGTGGAT
 TATTGGGATGATTTGGTCAGACATTAAGAGGCTGTGGTATGAAGGGTTGGAAGACTTCTTAGAAGAATCT
 CGTAACCAGCTCAGCTTTGTTATGAATTCCTTTACTTGCAACTTTTGCCTCAAAGTGGTGGCTCACA
 ACAAGTTTCATGATTTTGCAGCCGGAAGGACTGGGATGCGTTCCACCCCACTGGTAGCAGAAGGGCT
 TTTGCGCTTTGCAAACGTTCTGAGTTACCTTCGGCTCTTCTTTATGTACACAACCAGCTCTATTTTGGC
 CCACTGCAGATTTCAATGGGACAGATGTTACAAGATTTTGGAAATTTCTAGGAATGTTCTTCTGTTT
 TGTTTTCTTACGATTGGACTGACACAGCTCTATGACAAAGGGTACACTTCAAAGAGCAGAAGGACTG
 CGTAGGCATCTTCTGTGAACAGCAAAGCAACGACACCTCCACTCGTTCATTGGCACCTGCTTTGCTCTG
 TTCTGGTACATCTTCTCCTTAGCGCATGTGGCCATCTTTGTACCAGGTTTAGCTATGGGAAGAAGTGC
 AGTCTTCGTTGGGGCTGTGATTGTCGGAACCTACAATGTCGTGGTTGTGATCGTCTTACAAGCTACT
 GGTAGCGATGCTTCATAAGAGCTTCCAGCTGATAGCAAATCATGAGGATAAAGAATGGAAGTTTGTCTGA
 GCGAAGCTATGGCTCAGCTACTTTGATGACAAATGCACACTGCCCCACCTTTCAACATCATTCTTCTC
 CGAAGACTATCTGCTATATGATCAGCAGCTCAGCAAGTGGGTGTGCTCGCACACCTCCAAGGCAAGGT
 CAGACGGCAGAACAGCTTGAAGGAGTGGAGAACTTAAAAAAAAGAGAGATGAGAACTACCAGAAGGTG
 ATGTGCTGCCTAGTGCATCGATACCTGACCTCCATGCGACAGAAGATGCAGAGCACAGACCAAGCCACC
 TGGAGAATCTCAATGAACTGCCCAAGATCTGTCAAAATCCGAAATGAAATAAGGGATTTGCTTGGCTT
 TCGGACTTCTAAATATGCTATGTTTTATCCAAAAAT**TAG**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_053558
Insert Size: 2280 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:	NM_053558.1 , NP_446010.1
RefSeq Size:	4015 bp
RefSeq ORF:	2280 bp
Locus ID:	89821
UniProt ID:	Q9QX01
Cytogenetics:	8q31
Gene Summary:	mouse homolog is a capacitative calcium entry channel [RGD, Feb 2006]