

Product datasheet for **RN203184**

Trpc5 (NM_080898) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Trpc5 (NM_080898) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Trpc5
Synonyms:	Trrp5
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN203184 representing NM_080898
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGGCCCAGCTGTACTACAAGAAGTCACTACTCACCATACAGAGACCGCATCCCCCTCCAATCGTGA
 GGGCTGAGACTGAGCTGTCTGCTGAGGAGAAAGCTTTCCTTAGTGCTGTGGAGAAGGGGACTATGCCAC
 CGTGAAGCAGGCACTGCAGGAGGCCGAGATCTACTACAATGTCAACATCAACTGCATGGATCCTTTGGGC
 AGGAGCGCCCTACTCATTGCCATTGAGAATGAGAACTTAGAGATCATGGAGCTACTGCTGAACCACAGTG
 TGTATGTGGCGATGCATTACTCTATGCCATCCGCAAGGAGGTGGTAGGAGCTGTGGAACCTCTGCTCAG
 CTACAGGAAGCCAAGTGGAGAGAAGCAGGTTCCCACTCTGATGATGGACACCCAGTTCTCTGAGTTCACA
 CCAGACATCACACCCATCATGTTGGCAGCCACACCAACAATGAAATCATCAAATTGCTTGCCAAA
 AGCGTGTCACTATCCCACGGCCCAAAATCCGCTGCAACTGTGTGGAGTGTGTGCCAGTTCAGAAGT
 AGACAGCCTACGTCATTCAAGTCCGACTGAACATATACAAGGCACTGGCAAGCCCTTCGCTCATCGCC
 TTATCAAGTGAGGACCCTATCCTCACAGCATTCCGGCTGGGCTGGGAACCAAGGAGCTGAGCAAGGTGG
 AAAATGAGTTCAAGGCTGAGTATGAGGAGCTCTCCAACAGTGTAAAGCTCTTTGCCAAGGACCTGCTGGA
 TCAAGCTCGGAGCTCCCGAGAAGTGGAGATCATTCTCAACCATCGAGATGACCACAGCGAAGAAGTGGAC
 CCACAGAAGTACCATGACCTGGCCAAGCTGAAGGTGGCAATCAAATATCACAGAAAGAGTTTGTGCTC
 AGCCAACTGTCAACAATTGCTGGCCACCTTGTGGTACGATGGCTTCCCTGGATGGCGAAGAAAACACTG
 GGTAGTCAAGCTTCAACCTGCATGACCATTGGATTCTGTTCCTATGCTGTCCATAGCCTATCTGATC
 TCACCCAGAAGCAACCTTGGGCTTTTCATCAAGAAACCTTTATCAAGTTCATCTGCCACACAGCATCCT
 ATCTGACCTTCTCTTTCATGCTTCTCTGGCTTCTCAGCATATTGTCAGAACAGACCTCCATGTTCAAGG
 ACCTCCCCAACTGTCTGGAATGGATGATACTGCCTTGGGTTCTAGGTTTCATCTGGGGGAAATAAAG
 GAAATGTGGGATGGTGGATTCACTGAATACATCCATGATTGGTGGAAATTTGATGGATTTTGAATGAAT
 CCCTCTACCTGGCAACTATTTCTTGAAGATTGTGGCCTATGTCAAGTATAATGGTTCTCGTCCAAGGGA
 AGAATGGGAAATGTGGCACCCGACTCTGATTGCGGAAGCACTTTCGCGATATCGAACATTTTAAGTTCC
 TTGCGTCTCATATCCTTGTTCACAGCCAACTCCCACTTAGGGCCTCTGCAGATCTCCTGGGACGCATGC
 TGCTTGATATACTCAAATTTCTTTTACTACTGCCTAGTACTACTGGCTTTTGGCAACGGACTGAACCA
 GCTTTATTTTACTATGAGACCAGAGCTATTGATGAACCTAACAACTGCAAAGGAATCCGGTGTGAAAA
 CAGAACAACGCCCTTCTCCAGCTCTTTGAAACCTTCAGTCACTTCTGGTCTGTGTTGGCCTTTTAA
 ACCTCTATGTTACCAATGTGAAGCCCGCATGAATCACGGAGTTTGTGGGAGCTACTATGTTTGGGAC
 ATACAACGTCATCTCCCTGGTAGTGCTACTGAACATGCTCATTGCCATGATGAACAACCTCTACCAGCTC
 ATTGCCGACCATGCTGATATTGAGTGGAAAGTTTGGGAGAACGAAGCTCTGGATGAGTTACTTTGATGAAG
 GTGGCACCTTACCACCTCCTTTCAACATCATCCCAGCCCAAAATCATTCTCTATCTTGGCAACTGGTT
 CAACAACACCTTCTGTCCAAGAGAGACCCGATGGGAGACGAAGGAGGCACAACCTTGAGAAGCTTCA
 GAACGTCATGCTGACAGCCTGATCCAAAATCAACATTATCAGGAAGTTATCAGAAATCTAGTCAAGAGAT
 ATGTGGCTGCCATGATAAGAACTCGAAAACAAATGAGGGGCTAACAGAAGAAAAATTTAAGGAATTTAA
 GCAGGACATTTCCAGCTTTCGATACGAAGTACTTGACCTTGGGAAATAGAAAACATCCAAGAAGAAGC
 TTTTCCACTAGCAGCGCTGAATTCCTCAAAGGATGATACCAATGATGGCAGTGGTGGGCTCGGGCCA
 AATCTAAGAGTGTCTCTTTCAATTTAGGCTGCAAGAAAAAGCCTGCCAGGGAGCACCTCTCATAGAAC
 CATGCCAAGAGCTAGTGGTGCCAAGGAAAGCCGAAAGCTGAGTCGTGAGGCAACCGTCTTTCATGGGT
 CCCTCTTTCAAGAACTGGGTCTCCTGTCTCCAAGTTTAAATGGTCAAGCCTCTGAACCTACTTCGGAGC
 CAATGTACACAATCTCTGATGGCATCGCACAGCAGCACTCTATGTGGCAGGACATCAGATATTCTCAGAT
 GGAGAAAGGGAAGGCAGAGGCCGTTTCGCAAAGTGAATGAACCTCAGTGGGTAGAGTTAGGTGAAATC
 CGGGGTGCTGCTCGGAGCAGTGAATGCCCTAGCCTGTTCCAGCTCTTCACTGTGCATCCGGCATCT
 GCTCCTCAAATTCGAACTTTTAGACTCATCAGAGGACGTATTTGAAACTGGGGAGAGGCCCTGTGACTT
 GCTCATGCACAAATGGGGTATGGACAGGAAGAACAAGTTACAACCTCGGCTCAA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	Sgfl-Mlul
ACCN:	NM_080898
Insert Size:	2925 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_080898.2</u> , <u>NP_543174.1</u>
RefSeq Size:	2925 bp
RefSeq ORF:	2925 bp
Locus ID:	140933
Cytogenetics:	Xq34
Gene Summary:	mouse homolog is a nonselective cation channel [RGD, Feb 2006]