

## Product datasheet for **RN217251**

### Trpc3 (NM\_021771) Rat Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Trpc3 (NM_021771) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Trpc3
Synonyms:	TrpC3c; Trrp3
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



[View online »](#)

**Fully Sequenced ORF:** >RN217251 representing NM\_021771  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**GCGATCGCC**

ATGGCGAGGCCGAGGGAGCCGAGCCGACGCCGCCGCCGGGGCTGGAGGGCGTCAACGGCGGGCTGGA  
 GCCGCCCTGCCCGCGCGCCGCCGTCCCGGGGCCGACGACGTACGGCAACATCCCTGTGGTGCACAA  
 GATGCTGGAGGAGTCTCGCACGCTCAATGTCAACTGCGTGGACTACATGGGCCAGAATGCCTGCAGCTG  
 GCCGTGGGCAATGAGCATCTGGAGGTGACCGAGCTGCTGCTGAAGAAGGAGAACCTGGCGGTATCGGTG  
 ATGCGCTGCTGCTCGCCATCAGCAAAGGCTATGTGCGCATCGTGGAGGCCATCCTAGGCCACCCAGGCTT  
 TGGCGCCAGCCGGCGCCTGACCCTCAGCCCTTGCAGCAAGAAGTGCAGGATGACGACTTCTATGCTTAC  
 GACGAGGATGGCACACGCTTCTCACCTGACATCACGCCCATCATCTGGTGCAGATTGCCATAAATACG  
 AGGTGGTGCACCTGCTGCTACTCAAGGGTGCACGCATCGAGCGGCCACACGACTACTTCTGTCGCTGCC  
 CGACTGTGCTGAGAAGCAAAGGCTTGTATGCCTCAGCCACTCAAGGTCTAGGATCAATGCCTACAAGGGA  
 CTGGCCAGCCAGCATACTTGTGCTGTCCAGCGAGGACCCTGTGCTCACAGCGCTGGAACCTCAGCAATG  
 AGCTGGCCAAGCTGGCCAACATAGAGAAGGAGTTCAAGAATGACTACAGGAAGCTCTCCATGCAGTGCAA  
 AGACTTCGTAGTAGGTGTGCTGGACCTGTGCCGGGACTCAGAGGAGGTGGAAGCCATTCTGAATGGAGAT  
 CTGGAATCGGTGGAACCCCTGGAGAGACACGGGCAAGGCGTCGCTGAGTCGGGTCAAACCTTGCCATTA  
 AATATGAAGTCAAAAAGTTTGTGGCTCACCCCACTGCCAACAGCAGCTTTTGACCATCTGGTACGAGAA  
 CCTCTCGGGCCTTCGGGAGCAGACCATCGCTATCAAGTGTCTGGTCGTGTTGGTCGTGGCCTTGGGCCTT  
 CCATTCTCGCCATCGGCTACTGGATTGCACCTTGTAGCAGGCTGGGAAAATTTCTCGAAGCCCCTTCA  
 TGAAGTTCGTGGCTCACGCTGCCTCCTTCATCATCTTCTGGTCTGCTTGTGTTCAACGCTCAGACCC  
 GTTTGAAGGCATCACACGCTGCCCAACATCACCGTTATTGACTACCCCAAGCAAATCTTCAGGGTGAAG  
 ACCACCCAGTTCCATGGACAGAAATGCTAATTATGGTCTGGTTCTCGGGATGATGTGGTCTGAGTGCA  
 AGGAGCTGTGGCTGGAGGGGCCCGGGAGTACATCGTGCAGCTGTGGAACGTGCTTGACTTCGGGATGCT  
 CTCATCTTCATTGCTGCCTTACCAGGCTTCTAGCGTTTCTGCAAGCCACCAAAGCGCAGCAGTAT  
 GTGGACAGCCACGTGCAGGAGAGCGACCTGAGCGAAGTCAACTCCACCCAGAGGTTCAATTTTCACTT  
 ATGCTAGAGATAAATGGCTTCTTCTGACCCTCAGATCATATCGGAAGGCCTCTATGCCATAGCTGTGGT  
 GCTCAGCTTCTCCGGATCGGTCATTTCTCCCTGCAAACGAGAGCTTTGGGCCCTTGACAGTCTCTCTG  
 GGGAGGACTGTGAAGGACATATCAAGTTCATGGTTCTTTCATCATGGTGTTCCTGGCTTTCATGATTG  
 GCATGTTCACTTTACTCCTACTACCTTGGGGCCAAAGTAAACCCTGCTTTTACCACGGTTGAAGAAAG  
 TTTCAAGACTTTGTTTTGGTCCATATTTGGACTCTCTGAAGTGACTTCTGTTGTCCTCAAATATGACCAC  
 AAATTCATAGAGAACATTGGCTATGTCCTTTATGGAATATACAATGTAAGTATGGTGGTCTGTTCTGCTCA  
 ACATGCTGATTGCTATGATTAACAGTCAATACCAAGAAATCGAGGATGACAGTGTAGAGTGGAAAGTT  
 TGCTCGTTCCAAACCTCTGGCTATCCTACTTCGATGATGGAAAAACATTACCTCCACCCCTTCACTGCTG  
 CCTAGTCCAAAATCGTTTGTATTTTATTCATCATGAGGATCACTAACTTTTCCAAATGCAGGAGGAGAAGAC  
 TTAGAGTTTTTGAATCACACAGTTTTAACAGCACTTCTCAATCAGCCAACACGATATCAGCAGATAATGAAA  
 AGACTCATAAAACGGTATGTTTTGAAAGCACAAAGTAGACAAAGAAAATGATGAGGTGAACGAAGGTGAAC  
 TGAAGAAAATCAAGCAGGATATCTCCAGCCTTCGTTACGAACTTTTGAAGATAAGAGCCAAAGCGACGGA  
 GGAACCTGGCCATCTTGATTCAAAAACCTCAGTGAGAAAAGTGAACCCAGTGCCTGAGGTGTGAATGA

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI  
**ACCN:** NM\_021771  
**Insert Size:** 2517 bp

<b>OTI Disclaimer:</b>	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).
<b>OTI Annotation:</b>	Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<u>NM_021771.2, NP_068539.2</u>
<b>RefSeq Size:</b>	3420 bp
<b>RefSeq ORF:</b>	2517 bp
<b>Locus ID:</b>	60395
<b>Cytogenetics:</b>	2q25
<b>Gene Summary:</b>	a calcium-activated cation channel [RGD, Feb 2006]