

## Product datasheet for **MC222522**

### Trpc3 (NM\_019510) Mouse Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Trpc3 (NM_019510) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Trpc3
Synonyms:	Mwk; Trcp3; Trp3; Trrp3
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >NM\_019510.2  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCCGCGATCGCC

ATGTCACCAAGGTCAAGAAGTGCCGGGAGCCCGGAGGGTGACCTTGCCCGCTCCGGAGGAGGAGGAGG  
 ATGGCGAGGCCGAGGGAGGCGAGTCGCAGCGCCCGCCGGGGCTGGAGGGCGTCAACGGCGGGCTGGA  
 GCCGCCCTGCCCGCGCGCCCGCTCCCGGGGCCCGACGCGTCGTCGGAGGGCAGCCATCCAGGTGG  
 CGCACTGCGGGGATGCGTGACAAGGGCCGGCGCCAGGCAGTGCCTGGCCCGCCTTCATGTTGCGGTGCTC  
 GTGGGCCAGCCTCACAGCTGAGGAGGAGCGCTTCTGGATGCTGCGGAGTACGGCAACATCCCTGTGGT  
 GCGCAAGATGCTGGAGGAGTCTCGCAGCTCAATGTCAACTGCGTGGACTACATGGGCCAGAACGCACTG  
 CAGCTGGCTGTAGGCAATGAGCATCTGGAGGTGACCGAGCTGCTGCTGAAGAAGGAGAACCTGGCGCGGA  
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 AGGCTTTGACGCCAGCCGGCGCCTGACCCTCAGCCCTTGGAGCAAGAAGTGCAGATGATGACTTCTAT  
 GCTTACGACGAGGATGGCACACGCTTCTCGCCTGACATCAGCCCATCATCCTGGCTGCACACTGCCATA  
 AGTACGAGGTGGTGCACCTGCTGCTACTCAAGGTGCACGCATCGAGAGGCCACACGACTACTTCTGTGCG  
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 GGTCTTCCATTCTCGCCATCGGCTATTGGATTGCACCTTGTAGCAGGCTGGGAAGATTCTTCAAGCC  
 CCTTCATGAAGTTTGTGGCCACGCTGCCTCCTTCATCATCTTCTGGGTCTGCTTGTATTCAACGCCTC  
 GGACAGATTTGAAGGCATCACCAGCTGCCAAACATCACTGTTATCGACTACCCCAAGCAAATCTCAGG  
 GTGAAGACCACCCAGTTCACGTGGACGGAAATGTTAATTATGGTCTGGGTCTTGGGATGATGTGGTCTG  
 AGTGAAGGAGCTGTGGCTGGAGGGGCCCGGAGTACATCGTGCAGTTGTGGAATGTGCTTGTATTCGG  
 CATGCTCTCCATTTTCATCGCCGCTTACAGCCAGGTTCTCGCTTCTCAGGCCACGAAGGCCGAC  
 CAGTATGTGGATAGTACGTGCAGGAGAGCGATCTGAGCGAAGTACGCTCCACCTGAGGTTCAATATT  
 TCACCTATGCTAGAGACAAATGGCTCCCTCAGACCCTCAGATCATATCTGAAGGGCTCTATGCCATAGC  
 TGTGGTGTCTAGCTTCTCCCGATTGCGTACATCCTCCCTGCAAACGAGAGCTTTGGGCCCTTGAGATC  
 TCTCTTGAAGGACTGTGAAGGACATATCAAGTTCATGGTCTCTTCTTATTATGGTGTCTCTGGCTTTCA  
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 AGAAAGTTTCAAGACTTTGTTTTGGTCCATATTTGGACTGTCTGAAGTGACTTCTGTTGTCTCAAATAT  
 GATCACAATTCATAGAGAATATGGCTATGTTCTTTATGGGATATATAATGTAAGTATGGTGGTCTGTT  
 TACTCAACATGCTAATTGCTATGATTAATAGCTCATACCAAGAGATCGAGGATGACAGTATGTAAGT  
 GAAGTTTGTCTGTTCCAAACTTTGGCTCTCCTACTTCGATGATGGAAAAACATTACCTCCACCTTCAGT  
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 GAAGACTGCAGAAGGATCTGGAAGTGGGATGGGTAACCAAGTCCAGTTAAACCTCTTACACAGTC  
 TAACTCGAGAGTTTTTGAATCACACAGTTTTAACAGCATTCTCAATCAGCCAACACGATATCAGCAGATA  
 ATGAAAAGACTCATAAAACGGTATGTTTTGAAAGCACAAGTAGACAAAAGAAAACGATGAGGTGAATGAAG  
 GTGAACTGAAAGAAATCAAGCAGGATATCTCCAGCCTTCGTTATGAACTTTTGAAGATAAGAGCCAAGC  
 GACGGAGGAATTAGCCATCTTGATTCATAAACTCAGTGAGAACTGAACCCAGTGTGCTGAGATGTGAG  
 TGA

AGCGGACCGACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCTGAAGAGGATCTGGCAGCAAATGATA  
 TCCTGGATTACAAGGATGACGACGATAAGGTTAA

Chromatograms: [https://cdn.origene.com/chromatograms/ja1313\\_b07.zip](https://cdn.origene.com/chromatograms/ja1313_b07.zip)

<b>Restriction Sites:</b>	Sgfl-RsrII
<b>ACCN:</b>	NM_019510
<b>Insert Size:</b>	2733 bp
<b>OTI Disclaimer:</b>	<p>Due to the inherent nature of this plasmid, standard methods to replicate additional amounts of DNA in E. coli are highly likely to result in mutations and/or rearrangements. Therefore, OriGene does not guarantee the capability to replicate this plasmid DNA. Additional amounts of DNA can be purchased from OriGene with batch-specific, full-sequence verification at a reduced cost. Please contact our customer care team at <a href="mailto:custsupport@origene.com">custsupport@origene.com</a> or by calling 301.340.3188 option 3 for pricing and delivery.</p> <p>The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. <a href="#">More info</a></p>
<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><a href="#">NM_019510.2</a></u> , <u><a href="#">NP_062383.2</a></u>
<b>RefSeq Size:</b>	3694 bp
<b>RefSeq ORF:</b>	2733 bp
<b>Locus ID:</b>	22065
<b>Cytogenetics:</b>	3 17.93 cM