

## Product datasheet for RN216603

### Tank (NM\_001164073) Rat Untagged Clone

#### Product data:

Product Type: Expression Plasmids  
 Product Name: Tank (NM\_001164073) Rat Untagged Clone  
 Tag: Tag Free  
 Symbol: Tank  
 Vector: pCMV6-Entry (PS100001)  
 E. coli Selection: Kanamycin (25 ug/mL)  
 Cell Selection: Neomycin  
 Fully Sequenced ORF: >RN216603 representing NM\_001164073  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCCGCGATCGCC

ATGGATAAAAACATTGGCGAGCAACTCAATAGAGCATATGAAGCCTTCGACAGGCATGCATGGATAGAG  
 ATTCAGCAGTAAGAGAGCTGCAGCAGAAGACTGAGAATATGAACAAAGAATACGCGAGCAACAGGAACA  
 GCTGTCTTTCAACAACTCTCATTGACAGGCTAAAGTCACAGCTACGTCTTGTGGATTCTAGTCGAGAT  
 AACACTTGTGACTATGTACCTTTGCTTGAAGACAGTGACAGAAGGAAGAATAATTTGACCCTTGATGAAC  
 CACATGATAAAGTGAACTAGGAACACTGAGAGATAAAGCAATCAAAGGTGAGAAGACAAGAAGTTTCTTC  
 TGGAAAAGAGACCTCAAAGGATCTCAGCATCCCTTTGCATCATGAAAGGGATAATATAGAGAAGACTTTC  
 TGGGACCTTAAAGAAGAATTTATAGGATATGCTTACTAGCAAAAGCACAGAAAGACCACTTAAGCAAAAC  
 TTAATATACCAGATATTGCAACTGACACACAGTGTCTGTGCCTATACAGTGTACCGATAAAACAGAAAA  
 ACAAGAAGCGTGTTAAGCCCCAGGCTAAAGATGATATAAATAGAGGTATGTCGTGCGTCACATCTGTC  
 ACACCAAGAGGACTGGGCCGGGATGAGGAAGATACCTCTTTTGAATCGCTTCTAAATTCATGTCAAGT  
 TTCCGCCTGTGGACAGTGACTCTACTTTTCTACATAGCACTCCAGAGACCCCGAGCATCCTTGCTCCCTC  
 CACACCTGAGGCAGTGTGCCAGGACAAGTTAATGTGGAAGTCAGAGACAGCCAGGAAACTTGGTTAAA  
 ACAGAAGAACTTTATTTGAAATTCAGGGAATTAACCCCACTTACAGCTATACAAAACCTTAAACAA  
 CTGACAAAACAAAACCTCAAATCTTAGAGCTCCGTGTTTGCAGCTGGAGACCAATATGTGTTCTATGT  
 AAATACGTTCCCACTTCAAGACCCGCTGACGCACCTTTCCCTCACTGGATTCCCAGGAAAGGCTGTC  
 CGAGGACCACAGCAGCCCTTTGGAAGCCTTTTCTAACCAAGACTGACTTAGTGGTACCAAGTGTT  
 CAGACTCAGTACTCCTTAAACCTCAAGTGTGTGAGTCTGTCAAGAGCTTTTCCACCATCCCTTACATC  
 CAGAGGGGATTTCTCCGGCATCTTAATACACACTTAAATGGAGAGACTTAA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI



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<b>ACCN:</b>	NM_001164073
<b>Insert Size:</b>	1242 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_001164073.1, NP_001157545.1</u>
<b>RefSeq Size:</b>	2066 bp
<b>RefSeq ORF:</b>	1242 bp
<b>Locus ID:</b>	252961
<b>Cytogenetics:</b>	3q21