

## Product datasheet for RN214455

### Tube1 (NM\_001108536) Rat Untagged Clone

#### Product data:

Product Type: Expression Plasmids  
Product Name: Tube1 (NM\_001108536) Rat Untagged Clone  
Tag: Tag Free  
Symbol: Tube1  
Mammalian Cell Selection: Neomycin  
Vector: pCMV6-Entry (PS100001)  
E. coli Selection: Kanamycin (25 ug/mL)  
Fully Sequenced ORF: >RN214455 representing NM\_001108536  
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGGAAGAAGGAGTGGTGAATGAAATTCTCCAGGGCCCACTGAGGGACGTGTTTGATAGCAAACAGCTCA  
TCACAGACATCTCTGGCTCAGGAAATAACTGGGCTGTGGGTACAAAAGTTTTGGAAAGTCTTTACCGGGA  
ACAGATTCTAGAGAACTCCGGAAGTCGGCAGAGCACTGCGATTGCCTACAGTGCCTTCTCATCATCCAC  
TCCATGGGAGGAGGAACAGGCTCTGGACTTGGCACATTTCTGTTAAAGGTGCTTGAAGACGAGTTCCAG  
AAGTGTACCGGTTTGTGACAGCGTTTACCTTCCAGCGAGGACGATGTCATCACCTCGCCTTACAACAG  
CATGTTGGCCATGAAGGAGCTCAGTGAGCACGCTGACTGCGTGCTACCCATCGACAACCAATCTTTATTT  
GACATCATTAGCAAATCGATCTTGTGGTAAATTCTGAAAAGTCGGGCTCAGCTGTGAAGCCTAAGAGTC  
TCATTACTCGAACACGGGGCCCGTTAAAAAGCGCCACAAGAAACCCTTCGACGCCATGAACAACATTGT  
GGCGAATCTGCTCCTCAGCCTGACAAGCTCTGCGAGGTTTCGAGGGCTCCCTGAATATGGACCTGAATGAG  
ATCAGCATGAACTTGGTGCCTTCCCACAGCTTATTATCTCGTGTGAGCCTGACACCGCTGTACACGC  
TGGCGGATGTTAACATTCTCCCGGAGATTGGATCAGATGTTTTAGACGCCTTAGTAAAGGCCACCA  
GCTCCTCCAAGCAGACCCAGACATGGTCTCTACCTCGCCTGTGCTCTCATCGTTAGAGGGGAGGTACAG  
ATTTCCGATCTCCGCAGAAACATTGAAAGATTAAGCCCGCCCTGCAGTTTGTGCTCTGGAATCAGGAAG  
GCTGGAAGACAAGCCTGTGCTCTGTCCCTCTGTGGGCCACCCGATTCACTGTTAGCTCTGGCGAATAA  
CACATGTGTGAAGCCGACCTTCTGGAGCTGAGAGAGAGGTTTCATGCGGCTCTACAAGAAGAAGGCTCAC  
CTCCATCACTACCTGCAAGTCGATGGATGGAGGAAAGCACTTTTACGGAAGCCGTGTCCTCTGTGTCAG  
CGCTCATACAGGAGTACAGTGACCTGGATGCCACAAGAGCATGCCTGTGCCAGATGTGCCAGGCTGAG  
CGTGGCCTCGTGA

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI



<b>ACCN:</b>	NM_001108536
<b>Insert Size:</b>	1203 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>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_001108536.1</a></u> , <u><a href="#">NP_001102006.1</a></u>
<b>RefSeq Size:</b>	2834 bp
<b>RefSeq ORF:</b>	1203 bp
<b>Locus ID:</b>	361856
<b>Cytogenetics:</b>	20q12