

## Product datasheet for **RN200087**

### RT1-CE5 (NM\_001008843) Rat Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	RT1-CE5 (NM_001008843) Rat Untagged Clone
Tag:	Tag Free
Symbol:	RT1-CE5
Synonyms:	RT1-C/E5; RT1-E2; rt1-EI
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>RN200087 representing NM_001008843 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGGGGGCGATGGCACCGCGCACGCTGCTCCTGCTGCTGGCGGGCCCTGGCCCCAACCCGGACCCGCG  
CGGGCTCACACTCGTGC GGATTTCCACACCGCCGTGTCCCGGCCCGCCCTCGGGGAGCCCGGTTTCAT  
TATCGTCGGCTATGTGGACCACACGGAGTTCGTGCGCTACGACAGCGACGAGAGATCCGAGATACGAG  
CCGCGGGCGGGTGGATGGAGCGGGAGGGCCGGAGTATTGGGAGCAGCAGACACAGATCGTCAAGGGAC  
ACGAATGGAGTTCCGAGTGAGCCTGAGGAATCTGCTAGGCTACTACAACCAGAGCGAGGGCGGCTCTCA  
CACACTCCAGGTGATGTCTGGATGTGACATGGGGTCCGACAGAGCCTGCGCCCGGGTATGAGCAATAC  
GCCTATGACGGCCGCGATTACATCTCCCTGAACGAAGACCTGAAGACGTGGTCCGGCTGCGGACTTGGCAG  
CACAGATCACTCTAAACAAGTGGGATCAGGCTGGTGAATTAGACTATTACAAGGCCTACCTGGAGGGTCC  
ATGCTGGAGTGGCTTCTCAGATACCTGGAGCACGGGAAGGAGACACTGATGCGCTCAGATCCCCAAAG  
GCACATGTGACCTTACCCAGACCTGAAGGTGATGTGACCTGAGGTGCTGGGCCCTGGGCTTCTACC  
CTGCTGACATCACCTGACCTGGCAGTTGAATGGGAGGACCTGACCCAGGACATGGAGCTTGTGGAGAC  
CAGGCCGTCAGGGGATGGAACCTCCAGAAGTGGGCATCTGTGGTGGTGCCTCTTGGGAAGGAGCAGAAT  
TACACATGCCTTGTGGAGCATGAGGGGCTGCCTGAGCCCTCACCTTTAGATGGGAGGCTCCTCCCTCCA  
CCAATCCAACACGGGAATGTCTGTTATTCTTGGAACTGTGACCATCATTGCAGTTATGGCCATCATTGT  
AGTTGTAGCCGTCATTAGAAGTGTGTGAGGAAGAGATGGATAAAAAACAGGTGAAAAGGAGTCTACACC  
CCTGCTCCAGGACAGGACAGCTCCAGAGCTCTGATGTGTCTCTCCAGATTGTAAGCATGA

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-MluI



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<b>ACCN:</b>	NM_001008843
<b>Insert Size:</b>	1113 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_001008843.2</a></u> , <u><a href="#">NP_001008843.1</a></u>
<b>RefSeq Size:</b>	1619 bp
<b>RefSeq ORF:</b>	1113 bp
<b>Locus ID:</b>	309607
<b>Cytogenetics:</b>	20p12