

## Product datasheet for RN202078

### RT1-N2 (NM\_001008854) Rat Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	RT1-N2 (NM_001008854) Rat Untagged Clone
Tag:	Tag Free
Symbol:	RT1-N2
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>RN202078 representing NM_001008854 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGCTCTGGGTTCCCAAGGCTGGTGCCTCTGGCTCAGTGCCTTCTCCTGCTCCTGAATGCCTCCTTCT  
CCTGGACTTGGACCCCTGAGGGCTCACACTCCCTGCGGTATTTCTCCATTGTCATGTCCTGGCTGGGCT  
CCGGGAGCCACGGATCATAGTCAGCGGCTGCATAGATGATACGGAGTTCGTGCGCTTGGACCAACAAG  
GAGATTGTAAGCCTGAAGCCCTAGTGCCTTTCAGGAGCAGGAGGGCTAGAGTACTGGGAGCAGCAGG  
TTCATAAAGTCAAGACTCAAGAACAACAGTCTGCAAGGAACCTGATGATGCTGGTTCGTTTTACAATAA  
GAGCATGGACGACTTCCACACACTACAGTGGCAGCAAGGCTGCGATGTGGGGTCAAGTGGGCGCCTGCTT  
CACTGGTACGACCAGCTCGCCTTTGATGGTGTAGATCACCCACCTGAACAAAGACCTGCGTTTTCTGGA  
CAGCGTGGACCAGCACTGTAGCTCAGATATCTCAGCCTGAGTTAGAAGCTCGCCTGAAGGACAAGTCTC  
AGAGCTGCTGCAGAAATACCCAGAAAAGGAAAAGGAGAGGCTGCTGCGTTCAGACCCGCCACGGGCACAT  
GTGACCCGGCACCCAGACCTGAAGGTGATGTCACCTGAGGTGCTGGGCCCTGGGTTTCTACCTGCTG  
ACATCACCTGACCTGGCAGTTGAATGGGAGGACCTGATCCAAGAAATGGAGTTTGTGGAGACCAGGCC  
TGCAGGGGATGGAACCTCCAGAAGTGGGCATCTGTGGTGGTCCCCTAGGAAGGAGCAGAAGTACACA  
TGCCTTGTGGAGCATGAGGGGCTGTCAGAGCCCTCACCTGAGATGGGAGCCTACCCAGGATCCACCA  
CTACAATCATTCTAATTATTCTACCCACTGTCTCTGCAATTGTCCTCTGTGTTGCTGCTGTGGCAAT  
TTGCATATGCCTGAAGAAGAAGGAGGAGTAAAGAGGAAGGCACGACACCAGGAAGCAGATGGAGACAGTC  
CCCAAGACTCTTGACGAGATTGTTGTGGATGATCAGGAGATCGAGGGTCCCTCTTGAATACTGAGAACTA  
CAGAACTCATCTAG

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI



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<b>ACCN:</b>	NM_001008854
<b>Insert Size:</b>	1134 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_001008854.2</a></u> , <u><a href="#">NP_001008854.1</a></u>
<b>RefSeq Size:</b>	1390 bp
<b>RefSeq ORF:</b>	1134 bp
<b>Locus ID:</b>	360323
<b>Cytogenetics:</b>	20p12
<b>Gene Summary:</b>	may play a role in antigen presentation [RGD, Feb 2006]