

Product datasheet for **RN203351**

RT1-N1 (NM_012646) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	RT1-N1 (NM_012646) Rat Untagged Clone
Tag:	Tag Free
Symbol:	RT1-N1
Synonyms:	MHTLL
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>RN203351 representing NM_012646 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGCTCTGGGTTCCCAAGGCTGGTGGCTCTGGCTCAGTGCCCTTCTCCTGCTCCTGAATGCCTGCTTCT
CCTGGACTTGGACCCCTGAGGGCTCACACTCCCTGCGGTATTTCTCCATTGTCATGCTCTGGCTGGGCT
CCGGGAGCCACGGATCATAGTCAGCGGTCATAGATGATACGGAGTTCGTGCGCTTGGACCAACAAG
GAGACTGAAGCCTGAAGCCCTAGTGCCTTGGCAGGAGCAGGAGGGCTAGAGTACTGGGAGCAGCAGG
TTCATAAAGTCAAGACTCAAGAACAACAGTCTGCAAGGAACCTGATGATGCTGGTTCGTTTTACAATAA
GAGCATGGACGACTTCCACACACTACAGTGGCAGCAAGGCTGCGATGTGGGGTCAGATGGGCGCCTGCTT
CACTGGTACGACCAGCTCGCCTTTGATGGTGTAGATCACCCACCTGAACAAAGACCTGCGTTTTCTGGA
CAGCGTGGACCAGCACTGTAGCTCAGATATCTCAGCCGAGTTAGAAGCTCGCCTGAAGGACAACCTGCTC
AGAGCTGCTGCAGAAATACCCAGAAAAGGAGAAGGAGAGGCTGCTGCGTTAGACCCGCCAAGGGACAT
GTGACCCGGAACCCAGACCTGAAGGTGATGTCACCTGAGGTGCTGGGCCCTGGGTTTCTACCTGCTG
ACATCACCTGACCTGGCAGTTGAATGGGAGGACCTGATCCAAGAAATGGAGTTTGTGGAGACCAGGCC
TGCAGGGGATGGAACCTCCAGAAGTGGCATCTGTGGTGGTGCCTTAGGGAAGGAGCAGAAGTACACA
TGCTTTGTGGAGCATGAGGGGCTGTCAGAGCCGCTCACCTGAGATGGGAGCCTGCCAGGATCCACCA
CTACAATCATTCTAATTATTCTACCCACTGTCTGCAATTGTCCTCTGTGTTGCTGCTGCTGCGGCAAT
TTGCATATGCCTGAAGAAGAAGGAGGTAAGAGGAAGGACGACACCCAGGAAGCAGATGGAGACAGT
CCCAAGACTCTTGCAGGATTGTTGTGGATGATCAGGAGATCGAGGGTCCCTCTTGAATACTGAGAAGT
ACAGAACTCATCTAGGATTCCACTCTGGGACTTTAGGATTGCTTAGCTTGTCAATTTAA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Restriction Sites:	Sgfl-Mlul
ACCN:	NM_012646
Insert Size:	1179 bp
OTI Disclaimer:	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).
Components:	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).
Reconstitution Method:	<ol style="list-style-type: none">1. Centrifuge at 5,000xg for 5min.2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.3. Close the tube and incubate for 10 minutes at room temperature.4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.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.
RefSeq:	<u>NM_012646.1</u> , <u>NP_036778.1</u>
RefSeq Size:	1179 bp
RefSeq ORF:	1179 bp
Locus ID:	24748
Cytogenetics:	20p12
Gene Summary:	gene localized to the grc-G/C region; may be involved in growth control, development, and chemical carcinogen susceptibility [RGD, Feb 2006]