

Product datasheet for **RN201953**

Rtca (NM_001004227) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Rtca (NM_001004227) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Rtca
Synonyms:	MGC94866; Rtcd1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>RN201953 representing NM_001004227 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGC**

ATGGAGGGGCGAGCGGTGGAGGTGGACGGCGGGATCATGGAAGGGGGCGGCCAGATCCTCAGGGTCTCCA
CCGCCCTGAGCTGCCTCCTGGGTCTCCCCTTGC GCGTGCAGAAGATCCGGGCGAGCCGACGACGCCCCG
CCTCAGGCCTCAGCATTTATCTGGACTGGAAATGGTTCGGGATTTGTGTGACGGACACCTGGAGGGAGCA
GAGATCGGCTCAACAGAGATAACCTTTACACCCGAGAAGATCAGAGGTGGAGTCCACACAGCAGATACCA
AGACAGCAGGGAGTGTGTGCCTCTTGATGCAGGTCTCAATGCCCTGTGCTCTGTTTGTGCGTCTCCGTC
GGAGCTCCGTCTGAAAGGAGGCACGAACGCTGAGATGGCGCCGAGATTGATTACACGATGATGGTTTTTC
AAGCCAATTGCTGAGAAGTTTGGTTTCACATTTAATTGTGACATTAACAAGGGGCTATTACCCAAAAG
GGGGTGGTGAAGTGATTGTCCGAATGTCACCAAGTTAAACGGTTGGACCAATAAATCTGACTGATCGAGG
CTCTGTGACTAAGATTTATGGGAGAGCTTTGTTGCCGGTGTGTTTGCCACTAAAAGTGGCAAAAGATATG
GCGGCGGCAGCTGTGCGGTGCCTCAGGAAGGAGATCCGGGATCTGTACGTACGATCCAGCCTGTGCAGG
AGGCCAGGACCAAGCCTTCGGCAATGGCAGCGGAATCATCATTGTTGCTGAGACATCCACTGGCTGCTT
GTTTGTGGATCATCACTTGGCAAAAGAGGTGTGAATGCAGACAAGGTTGAATTGAAGCTGCTGAAATG
CTGTTAGCAAATCTTAGACATGGTGGCACTGTGGACGAGTATCTACAAGACCAGTAATTATTTTCATGG
CGCTAGCCAGTGAATTTCCAGGATAAAGACGGGACCAAGTACACTCCACACGACGACCGCTATACATTT
TGCTGAACAGCTAGCAAAGGCCAAATTTACTGTGAAGAAATCAGAAGAGGAGGAAGATGCCTCTAAGGAC
ACTTACATCATCGAGTGTGAAGGAGTTGGGATGGCAATCCACACCT**TAG**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI



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ACCN:	NM_001004227
Insert Size:	1101 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:	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_001004227.1</u> , <u>NP_001004227.1</u>
RefSeq Size:	1378 bp
RefSeq ORF:	1101 bp
Locus ID:	295395
Cytogenetics:	2q41