

Product datasheet for **MC203362**

Rtn1 (NM_153457) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Rtn1 (NM_153457) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Rtn1
Synonyms:	Nsp
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >BC053926
 GGC CGGAGACTCTGCAGCCTTCTGGAGTCCGGAGTCCC GG TAGGGACAGCAGCAGGGAGCGTCCGCGTC
 CCTAGCCAGCGCACCCCGGCCTTGCCAAGCCACAGTAGCCAGCCTGGGGCACAGCCAGCCATGGCCGCA
 CCGCCGGATCTGCAAGATGAGCCGCTGTCTCTGGGTAGCCCCGGTCCCAGTGGTTCTGGGGGCCGGGGG
 ATGGGGAAGACGAAGCGACGGCGGTGATGGGGCCAGGCCAGCGCAGCAGGATGGGGAGCCCGCTGGG
 GTCGGGCGCTGGAGCTGGGTAACGTCGTCGGGAACGTGTCTCCGGCCCCCGCCGCTCGCCTCCCGTC
 GCCATGGAAACTGCATCCACAGGTATGGCAGCTGTTCCCGATGCCCTCGACCACCTCCCTCTTCAACAC
 TAAAAGATGGGGAAGGGGCATGTTACACATCCCTGATTTCTGACGCTCGCTATCCACCTCGGGAGGACTC
 TGCACTTTACTGGAATTCTTCAGAAGAAAATGGTCACATCACCACCTCCGAGAGCCCTGAGGAGCCG
 GAGACCCCGGACCCTCGTTACCAGAAGTGCCCGGATGGAGCCACAGGGCTTATTGAGTCTGATTCTG
 GAATAGAGATGACTCCTGCTGAGTCCACTGAGGTGAACAAGATCCTAGCTGACCCCTAGACCAGATGAA
 GGCAGAAGCTACAAATACATTGACATAACCAGGCCACAGGAGGCAAAGGCCAGGAGGACAACACCT
 GGGCTAGAAGATAAAGACTTGGACTTTAAAGACAAGGACACTGAAGTCTCCACAAAAGCAGAAGGGGTC
 GAGCACCAAAACAGCCAGCTCCTGTGGAGGGAAACTCATCAAGGACCATTATTGGAAGATCTACCTT
 TGCTCCTTACATAGATGAGCTCTCTGATGAGCAGCACAGGGTGTCTCTGGTCACTGCCCCGTCAAGATC
 AACTGACGGAGATCGAACCTCCTTTATGACTGCCACACAAGAGACAATCCCCGAGAAGCAAGACCTGT
 GTCTGAAGCCAAGTCTGACACAGTGCCCACTGTCACTGTCTCAGAGCCTGAAGATGACAGCCAGGATC
 TGTACGCCTCCATCTTCTGGAACAGAACCATCTGCTGCAGAGTCCCAGGGGAAAGGCAGCGTCTCCGAG
 GATGAGTTGATTGCTGCCATTAAGAAGCAAAGGGTTATCATATGAAACCACCGAGAGTCCAAGGCCAG
 TGGGCCAGGTGGCCGACAAACCCAAAACCAAGACCAGGTCTGGGCTGCCACCATCCCCAGTCCCCTCGA
 CCAGGAGGCCAGCAGTCCGAGTCCGAGACTCAGAAATTGAGCTGGTGTGAGAGACCCATGGCCTCT
 GAGGATGCCCTGCCCTCTGGCTATGTGAGCTTCGGTCACTGTGTCGGGGCCGCCCCCTCTCCTGCCTC
 CATCCATCCAGTACAGCATCCTGCGGGAGGAGCGTGAGGCCGAGCTGGACAGCGAGCTCATCATCGACTC
 CTGTGATGCCCTCCTCAGCCTCGGAGGAGAGCCCCAAGCGGAGCAGGACTCGCCCCGATGAAACCGGGT
 GCCCTGGACGCCATCCGCGAGGAGACAGGCTCTCGGGCCACCGAAGAACGAGCGCCAGCCACCAAGGCC
 CTGTGGAGCCGACCCGATGCTCAGCTTTGCCCGCTGCCGCCCTCCAATCCCCCCAGAGCCATCGTC
 TGGAGATGGAGCCTCGGTCCCGAGCCGCCAGATCACAGCAGCAGAAGCCTGAAGAGGAAGCTGTGAGT
 TCCAGTCAAAGTCCCACGGCCACCGAAATTCCTGGACACTTGGTTCTGGCCTCATGCCCTCTGCCTT
 TCTTCAACAAGCAAAAAGCTATTGACCTTCTGTACTGGCGGACATCAAGCAGACTGGGATTGTGTTCCG
 GAGCTTCTGCTGCTCTTCTCCCTGACCCAGTTCAGCGTTGTGAGCGTCGTTGCCTACCTGGCCCTG
 GCCGCCCTCTCTGCCACCATCAGCTTCCGCATCTACAAGTCCGTTCTACAAGCTGTGCAGAAAACAGATG
 AGGGTACCCCTTCAAGGCCTACCTGGAGCTGGAGATCACCTGTCCCAGGAGCAGATCCAGAAGTACAC
 AGACTGCCTGCAGCTGTATGTGAACAGCACTCTGAAGGAGCTACGGAGGCTTTTCTGGTCCAGGACCTG
 GTGGATTCTTAAATTTGCAGTCTCATGTGGCTCCTGACCTACGTTGGCGCGCTTTCAATGGCCTGA
 CCCTGCTGCTTATGGCTGTGGTTTCGATGTTTACTCTACCTGTTGTGTACGTTAAGCACCAGGCACAAGT
 TGACCAATATCTGGACTTGTGAGGACTCACATAAACACCGTCTGGCAAAGATCCAGGCTAAAATCCCC
 GGCGCAAAGAGGCACGCTGAGTAGATGGTACCCAGGAGAAGCCGGACATGAGTGGGGTGTCTGGAGT
 GGTAACAGCTCTCCTTCCCTGTTACTGCAAATTGATTGTTTCCCTTCTGGTACCATAATCTTAGAG
 GCAAACCTTTGAGACAGGTGTTTTGAGGCTTTCCTGTACTCTTAGGATATATGAGCCGCCCCCTCCCCAC
 CCCCCTGTCAAGCACTAAAGTATAGAGTGTGTTAGATGTGGTTTTTGATTCGTGTTGCTAAAAA
 AAAGAAAAGAAAAGAAAAGTGCATGATGGTGAAGGCCACGTTCTCCCTCCTCCCTCGATGTCTCC
 CCTCTGCAACGCTTCTGTAGCTTCTACTGTCCCTGTGGCTAGGCCTTTCTTGCCAAGTGCCTGACACAT
 AGTGGATCGTTATCATGCTTGGTTGCTGGATGGATTCACTCTAATAACACTATATAGAATTGTAG
 GCCAATGTTTTAGCATTTCCCACACACAGAGAACATAAAAAATTAAGTTAGTTCAACCATAAAAAA
 AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA AAAAAAAAAAAAAA

Restriction Sites: RsrII-NotI
ACCN: NM_153457
Insert Size: 2343 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:	BC053926 , AAH53926
RefSeq Size:	3096 bp
RefSeq ORF:	2343 bp
Locus ID:	104001
UniProt ID:	Q8K0T0
Cytogenetics:	12 C3
Gene Summary:	May be involved in neuroendocrine secretion or in membrane trafficking in neuroendocrine cells.[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (1) represents the longest transcript and encodes the longest isoform (A).