

Product datasheet for **RN214343**

Rftn1 (NM_001135011) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Rftn1 (NM_001135011) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Rftn1
Synonyms:	2310015n21rik; RGD1310777; RGD1563347
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN214343 representing NM_001135011
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGGTTGCAGTTTGAACAAGCTGGAGAAACGTGAAGAGAAGCGCCTGGTAACATTTACTCTACTCTGA
 AGAGACCTCAGGTGGAGACCAAGATAGATGTGACCTATGAATACTGCTTTCTAGAGTTACCCACCCTGAC
 TGCCGCGGAGCTGCCGAGATCCTCAGCCACAAGTTAGCTTCTCTGCGGGATCTGCCTGACCAGCTGCTG
 GAGCTGTACCAGCAGGGCTTCTCGCTGGCCGCCCTGCACCCGTTTGTGCAGCCGACGCGCAGGCAAGAGA
 AGATACCCCTGGAGCACATCTTCAGGGCCATCCTGGTCAAGAAAACAGCAGGTCCCAGAAGGCAGAGCT
 TCCCAATGAAGGTACATCTTGAAGTGGATCACTGCTCCTCTAGAACACCTGGCAGACCAGAAGCTC
 GTCCCGGAGTTTATTAAGAAGGTACAGGAGGCTGCGAGTCGTGGCTTGAAGTTCGTTAGTGTGGTGCCTC
 AGTACCAGACCTCTGTGAGCTCGGCAGGCAGCACGCGCTTCTGCCTGTACCAACAGTGACGAAGGTGC
 CAGGGATGGGAAGAACACCTTTGGGACCGCCATCTTTGGAAAGTGATACCCAAAGGCTGCGGATGTG
 GACGATGCCACTGCGGGAGTGAACCAGAGACCAGAGCCCAACCCGGGATCCGAGGGGAGGCGCCCGGTG
 CCCAGCAGCCTGGCATTCCCTCTCCCTCAGAAGAGAATGAGGCTGTGAGTTTCCACTGCGGGGTTTGAG
 GCCAGCACTGGGTGGCTTGGAGGGTGACCCCTCCAATGGGCTGAAGAGCTGCCTTCCAGGAAAATGGAG
 ATCTTCGCTTTTTCAACAGACCAAGGAGCCAGCAGAAATGTCTGCAATACTACCCCGTCACCATCCCCC
 TCCAGGTCTCCAAGAACGGCCAGACAGTGAAGCTCTGGACGCCAGCTGGCTGGAGCACATGAGTGACCA
 CTTCCGGAAGGCGGTGTGCTGGTGAACGCCGCTTCCAGCTTGGCATGGCCAACGATTCTTCTATGGC
 CTGACAGATGGAGTATTCATCTTTGAAGCTGTTTCCACAGAAGATAGCAAAACACACAGGGCTATGACG
 CCATTGTTGTGGAACAATGGACAGTCTTGAAGGTACAGAGGTGCAGACCGACTACATGCCCTGTGAA
 CTCGCTGGCAGCCTATGGGTGGCAGCTCACCTGTGTGCTGCCAACACCCATACTCAAGACTAACAGGGAA
 GGGAACGTGTGCACCAAGCAGATTGTGTTTCTCCAGAGACCATGTCTACCTCAGAAAACCAAGAAGAGGG
 AGTCCAAGTTCAGTGGCGGTTCTCCGGAACGACATCCACAGCAGGCAGACAAGGAAATCCAAGGGAA
 ACCCAGCGCCGGAGACAAGCAGCAAGCGGAAGAGAACGAGAAGAACTAGACGACCAGTTCTCCAGGGCT
 GGAGATGCGGGAACTGTGTGCTGGGGGCAGCAGTGGGGCAGAGCCTCTGAGGTGAGGAGCAAAAGGC
 CGGGCTCAGCCCGCTGCAGAACGGCCCCGCTGGCCACAACAGGGACTCGGTGACCCTTAGGCACTCGAA
 TCCAGAGCAGAGGCTGAGCTGGTTCAGGCCCGCTCCAACAGAAGCAAAT**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-MluI

ACCN: NM_001135011

Insert Size: 1665 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: NM_001135011.1, NP_001128483.1

RefSeq Size: 2826 bp

RefSeq ORF: 1665 bp

Locus ID: 501095

Cytogenetics: 9q12