

Product datasheet for **RN202981**

Rft1 (NM_001135866) Rat Untagged Clone

Product data:

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| Product Type: | Expression Plasmids |
| Product Name: | Rft1 (NM_001135866) Rat Untagged Clone |
| Tag: | Tag Free |
| Symbol: | Rft1 |
| Synonyms: | RGD1562654 |
| Vector: | pCMV6-Entry (PS100001) |
| E. coli Selection: | Kanamycin (25 ug/mL) |
| Cell Selection: | Neomycin |



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Fully Sequenced ORF: >RN202981 representing NM_001135866
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGGCAGCCAGGAGGTACTGGGCCAGGCGGCCGGCTGGCTCCTCGGGTCTCCTGCTGCAGTCTTGT
 TCCGATTAATCACCTTTGTCTTGAATGCATTTATTCTTCGCTTCCTGTCAAAGGAGATTGTGGCGTAGT
 GAATGTCAGACTAACACTGCTTTACTCAACCACCATCTTCCTGGCCCGGAGGCCTCCGAAGAGCTTGT
 CTGAGTGGGGTACCCAGCGGGACTGGACTCAGACCCTCAACCTCCTGTGGCTAACTGTCCCCCTGGGTA
 TATTTGGTCTTGTGCTTGGGCTGGGTCTGGTTGCAGTTGCTTGAAGTACCTGATCCAAATGTGGTCCC
 CTACTATGGAAGTGGCGTCTGCTCTTTGGTCTCTCAGCAGTCTGGAAGTCTGGGAGAGCCTTTTTGG
 GTCTTGGCGCAAGCACATATGTTTGTAAACTCAAGTACTTGTGAGAGCATGTCGGTCATCCTCAGGA
 GTGTGCTGACGGCTCTTCTGGTCTGTGGCTGCCTCACTGGGGTCTGTACATCTTTCTTTGGCTCAGCT
 TCTCTACACGGCTGTCTGGTCTGTATATGCTCTATTTAATAAACTACTGCGTTCGCCAGAAATCA
 TCCAAGCAACTGACTCTTCCTATCTCAAAGTAACACAAGTGTTCGCCAGTATTTCAAGAAGAAAAGCCT
 TTGTCAATTGGAACGAGGCTAGGTTGACTTGGAGCTTTTTCAAACAGTCATTCTTGAAACAGATTTTGAC
 AGAAGGTGAGCGATACGTGATGACATTTTTGAATGTATTAACCTTTGGCGACCAGGGTATATACGATATA
 GTGAATAACCTCGGCTCCCTTGTGGCCAGGCTAATTTCCAGCCAGTAGAGGAGAGTTTCTATATATTCT
 TTGCTAAAGTGTAGAGAGGGAGAAGGACGCCTCACTTCAGAAGCAGGATGATGTTGCTGTGGCTGCCGC
 TGTTTTGGAGTCCCTCCTCAAGCTGGCCTTGTGACTGGACTGACCGTCACTGTTTTTGGCTTTGCCTAT
 TCTCAGTTGGCTTTGGACATCTATGGAGGAGCCATGCTTAGTTCGGGATCTGGCCCTGTGTTGATGCGGT
 GCTATTGCCTCTATGTCCTCTGCTTGGCGTCAATGGTGTGACAGAGTCTTCACTTTGCTGCCATGAG
 CAAAGAGGACGTTGACAGGTACAATTTCCACCATGCTGGCACTGTCTCCTCGTTTTTAGTCTTATCCTAC
 CTGCTGACCAGTTGGTGTGGCAGTGTGGCTTCATCATGGCCAAGTCTTAAACATGGGCATCCGGATCA
 CACAGAGCCTTTCTTCCATCCATCACTACTTCCAAGAGAGCCCCACAGACCGCTGGCTGGCCTGCTCCT
 GTCACCAGTTCTTCTGGAGTATTCGTCTCAGTGCGGCATTACGAGTGTCTCAGAGGCATTCTCTGCTG
 TGTGAGCGGGCTGGCCGGCTAGGCTGGCACACATTGCTGTGGGGACCATCTGCTTAGGAGTGACTCTTG
 GGACAGCGTTCTCACAGAGACCAAGCTGATCCACTTTCTCAGGACTCAGTTGGGTAGATCCAGACTTGG
 TGACAAAATGACA**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-Mlul

ACCN: NM_001135866

Insert Size: 1626 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_001135866.1](#), [NP_001129338.1](#)

RefSeq Size: 2166 bp

RefSeq ORF: 1626 bp

Locus ID: 290552

Cytogenetics: 16p16