

Product datasheet for **RN211940**

Rfx1 (NM_001105944) Rat Untagged Clone

Product data:

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| Product Type: | Expression Plasmids |
| Product Name: | Rfx1 (NM_001105944) Rat Untagged Clone |
| Tag: | Tag Free |
| Symbol: | Rfx1 |
| Vector: | pCMV6-Entry (PS100001) |
| E. coli Selection: | Kanamycin (25 ug/mL) |
| Cell Selection: | Neomycin |



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Fully Sequenced ORF: >RN211940 representing NM_001105944
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGCAACACAGTCTATGTTACTGAGCTACAGGCAGCCCAAGCATCCCAGCCACCACAGGCCCCGC
CCCAGGCCCTGCCAGCCAGCCACCACCCAGCAGCACCCAGCCTCCTGCTGCAGCAACCCCCAGCCCA
GTATGTACCCGAGCTGCAAAGCCCCAGCCCCAGACGCAACCTCCAGGCAGCCAGAACAGTATGTGGCA
GAGCTCCCGGCTGCTCCTGCACCCTCACAGCTGCCACACCTGCCCATCCCCGGTGGCTCAGCAGTATA
TCGTGGTCACCGTCTCGGAAGGTGCCATGCGGGCTAGTGAGACTGTGTCAGAAGCCAGCCCCAGTCCAC
GGCAAGCCAGACCGGTGTCCCACCAAGTGGTACAGCAGGTGCAGGGCACCCAGCAGCGGTGCTGGTC
CAGGCAAGTGTGAGGCCAAGCCAGGCCATGTGTACCCCTGCAGCTTACCAACATCCAGGTGCCACAGC
AGGCTCTCCCACACAGCACTTGGTGGTGCAGAGCCCGGCCAGGCTTAAGGGTGGCCAAAGTTTCCTT
GACGGTGCACAGCAGCAGCAGGTGCACCTGCCCTGAGAGTACCAGTGCAGGCCAACACTCCACC
AGCAAGACAGCTGGGACTCCTGCCGGCACTGTGCAGCAGCTACAGGTCCACAGTGTCCAGCAGAGTGTCC
CTGTACCCCAAGAGAGGTCAAGTCCAGGCCACTCCACAGACCAAGCTGGCCAGTGCAGCAGCTGAC
TGTGCAGGGACTGCAGCCAGTTCACGTTGCTCAAGAGGTACAGCAACTCCCGCAGGTGCCTGTCCCACAT
GTGTACTCCAGCCAGGTGCAGTACGTGGAAGGTGGCGACGCCAGCTACACAGCCAGCGCCATCCGCTCTA
GCACCTACCAGTACCCTGAGACGCCGATCTATACGCAGACAGCAGGCCACCAGCTACTATGAGGCTTCAGG
CACGGCTGCCAGGTGAGCAGCCCGCTACTTCCAGACGGTGGCCAGCAGCGGCTCGGTGCCATGTAC
GTATCCGGCAGCCGATTGTGCGCAGCTCATCCAGCAGCAGGCTGGGGCCAGCAACAGCAGTGTGGGTG
CCGGGGCAACCGGGGAGGTGGCAGCGCGCGGGTGGCGGCAGCAGCGCGCGGCGGAGGCGGCGGAGG
CACTATGTGATCCAAGCGGCTACATGCTCGGCAACGCCAGCCAGTCTTACTCCACACCACCCGTGCC
TCGCCAGCCACAGTCCAGTGGCTCCTGGATAATTACGAGACCGCTGAGGGCGTGAGCCTGCCCGGAGCA
CCCTCTACTGCCACTACCTGCTGCACTGCCAGGAACAGAAGCTGGAGCCGGTTAACGCTGCCTCCTTCGG
CAAGCTCATCCGCTCCGATTTCATGGGTCTGCGTACGCGCGCTGGGCACCAGGGGCAACTCTAAGTAC
CACTATTACGGCCTGCGGATCAAAGCCAGCTCACCCCTGCTGCGGCTGATGGAGGACCAGCAGCACATGG
CCATGCGAGGCCAACCGTTCTCCAGAAACAGAGGCTCAAGCCCATCCAGAAGATGGAGGGCGTGGCCAA
CGGTGTTGCTGTGGGCAGCAGAGCACAGGGCTGTCGGACATCAGCGCTCAGGTGCAGCAGTACCAGCAG
TTCTTGATGCCCTCAGGAGCCTCCCTGATTTTGTGAGCTGGACCTCCAGGGCAAAGTGTGCCTGAGG
GTGTCGGTCTGGGGACATCAAGGCCTCCAGGTCTGTACCGGGAGCACTGTGAGGCCATTGTGGACGT
CATGGTAAATCTCCAGTTTACACTGGTAGAAAACGCTGTGGAAGACCTTCTGGAGATATAACCTTAGCCAG
CCTAACGAGGCCACCACCTGGCCGTGCATGATGAGGCAGAGAAGCGGCTGCCAGGGCCAGTCTGGTGC
TCCTCTCAAAGTTCAGCCTGTGCTTCACTGGACCAAGCACTGTGACAAATGTGCTGTACCAGGGCCTGGT
GGAGATCCTTATCCCTGATGTTCTGCGGCCATCCCCAGTGCCTTGACCCAAGCAATCCGGAACCTTGCC
AAGAGCCTGGAGAGCTGGCTGACCCATGCCATGGTGAACATCCCTGAGGAGATGCTGCGGGTGAAGGTGG
CAGCAGCCGGCGCCTTCGCACAGACGCTGCGGGCTACACATCGCTCAACCACTTGGCACAGGCAGCGCG
CGCAGTGTGCAGAACACTGCCAGATCAACCAGATGCTAAGCGACCTCAATCGAGTGGACTTCGCAAAT
GTCCAGGAGCAGGCTCGTGGTGTGCTGCTGCGAGGACCGTGGTGCAGCGTCTGGAGCAGGACTTCA
AGGTGACGCTGCAGCAGCAACTCACTGGAGCAGTGGGCAGCCTGGCTGGATGGCGTTGTGAGCCAGGT
GCTCAAGCCCTACCAGGGCAGTTCGGCTTCCCAAGGCGGCAAGCTTCTCCTCAAGTGGTCTTCTC
TACAGCTCCATGGTAATCCGGGACCTGACCCTGCGCAGTGTGCCAGCTTGGCTCCTTCCACCTCATCC
GGCTGCTCTATGACGAGTACATGTACTACCTGATCAGCAGCAGAGTGGCCAGGCCAAGGGCGAGACCC
AATCGCAGTCATGGGAGAGTTTGAAACCTGGCCACCTCACTGAATCCCTTGGACCCTGACAAAGATGAG
GAAGAGGAGGAGGAGGAGAGTGGAGCAGGCTGCCACAAGACATCTCACTGGCTGCTGGCAGCGAGT
CCCCCGCACTAGGCCAGAACTCTGGAACCACAGCAAACCTGGCGGACTGACACTCGTGGCCTCTT
TGTGCAGGCCCTGCCCTCCAGCTAA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

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| Restriction Sites: | Sgfl-Mlul |
| ACCN: | NM_001105944 |
| Insert Size: | 2895 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_001105944.1</u> , <u>NP_001099414.1</u> |
| RefSeq Size: | 4156 bp |
| RefSeq ORF: | 2895 bp |
| Locus ID: | 288906 |
| Cytogenetics: | 19q11 |