

Product datasheet for **RN202183**

Rfx5 (NM_001107694) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Rfx5 (NM_001107694) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Rfx5
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN202183 representing NM_001107694
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGGCAGAAGATAACCCCTGATGCTAAGAGCCCCAAGACTGGGGCAAGGCCCAAGTGGTGTGCTGAGGCTG
 GGGAACTACCACCTTCTCCAGAGGCTCCGAGGTACCATTTCCAAGCCGTGCAGAACAAGTAGAGGG
 GATTCTGCAAGAAGTACAGAAGTCTCAGACAACGACAAGCTGTACCTCTACCTGCAGCTTCTCTCAGGG
 CCCAGCACTGGAGATAAGAGCTCGGAGCCGAGTATACTGAGCAATGAGGAGTACATGTACGCCTACAGGT
 GGATCCGCAACCACCTGGAAGAGCACATGGACACCTGTCTGCCAAAGCAGAGCGTCTATGATGCCTATCG
 AAAGTACTGCGAGAGCCTTGCTGTTGCCGCCACTCAGCACAGCGAACTTTGGTAAAATCATCAGAGAG
 ATCTTCCCTGACATCAAGGCCCGAGACTTGGTGGTGGGGCCAGTCCAAATATTGCTACAGTGGCATA
 GAAGGAAGACCTTGGTATCTATGCCGCCATTGCCTGGGCTTGACTTGAAGGGATCTGAGAGTCCAGAAAT
 GGGCCAGAGGTGAGCCAGCGCCGAGGATGAGCTGGTGAAGCGGCCCTGCCCTGACTTGTGACTGG
 GCGGAGCGGATCTGAAGCGGTCTTCACTTCCATCGTTCAAGTGGCCCGGTACCTCCTGCAGCAGCACC
 TCATCTCAGCCCGTTCGGCACATGCTCAGTCTCAAGGCAGGGGGCTTGCCGAAGAGGAAGAAAGAGG
 CCCTCGAAGCGGTATCATGTAAGTCCAAGAATGGTGTAGAGAACCTGGAAGTGGAGGACCTAAGAAA
 CCAGAGAGACCAGCGCAGCCTCTAAAGAGCTAGAAGCCCGAGCTGGGACTGACTCTCCAGGGCGTTTCAG
 AACGGAAGAAGAGTGAATTGACAGTCAAGTCCAGCAGCCAGTAAGCCACAAGTAAATGCCCTTGTGGC
 TCGACTGCCTGTGCTCCTTCCAAGAGCACCACGATCACTTATCACACCCATTTAGGCACTCTGAAAGTA
 GCCACGCTGCCTTCCGACCAGGGTAGGAGGACCCAGGCTGCTGTACCATCATTAAACATGATCTTAC
 CACTGTTCTACTCTGTCAAGGCTGGGCTGGGCTGGCCTGGCCTAGGTTTGGGCCAGGGCCTGG
 GTCAGGGTCAGGGCCTGGGCTTGGGGCTGGGCCTGGGCCTGGACCAGGACCTGGGCTTGGAGCGGGGCT
 GGGCTTGGGCTGGGCTTGGGGCTGGGGCTGGGGCCAGGGCCTGGGCTTGGAGCTGGGCTGGGCAAGGC
 CTGGGCTTAGGGCTGGGCTCGGGCTGGGCTGGGCTTGGGGCTGGGCTAGGGCTTGGGCTGGGCGAGT
 TCCACCTAGAGCACCCATTCTGCCTCGAGGTACAGAGAGCAGGGAGGTAGGCATAAGTGGTACCCAAAGA
 CCGCATGACAAGGGTGTAAAAGGACAGCTGAAGTGCCTCTGAGTGAAGCCAGTGGGCAGGACCCACCAG
 TTAAGAAATGAAGCACGAAACAGAGGATACAGTAAGTGAAGCGAAAAGGAAGCGGGGACGCCCTCGAAA
 AAAACAGGGGGAGTGGGAGAGAAACGCCACTCCTGAGAAGTCTGCGGCTGCTGTGAAGTCCCCCGGA
 TCCCCAAGTTACTCTGGGAAACATGGGGCTCAAACGAGAAAACAAGTAAAGTGGGAGACCAGAAAGAC
 CAGGGGCAAGTGGGTGAAGCTCAGCGGAAACAGTCTTGCCTCAAGGTGAGGAAGATGGTGTCTTTCCAA
 AGGAGAAAAGAGCTTGAAGTCCAGGAAGCCAAAGAAGCAGAAGATAAAATTCCTCCTGTACCTCAAAA
 GTGAGTGTATCAAGGGCAGAATTCAAAGGAGGCTCTTCAAGTGGTAAAGGGAGAGGCTGATGCTGCAA
 CACAGGGCAACAAAGGGTTAAAGGGCCGTGACTTCAAAGTTCCTAACCATGAGCATAAAGACCCCAA
 AGCAACACCCCA**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_001107694
- Insert Size:** 2046 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_001107694.1](#), [NP_001101164.1](#)

RefSeq Size: 4175 bp

RefSeq ORF: 2046 bp

Locus ID: 310659

Cytogenetics: 2q34