

Product datasheet for **MC220174**

Rfx5 (NM_017395) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Rfx5 (NM_017395) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Rfx5
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >MC220174 representing NM_017395
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGGCAGAAGATAAACCTGATGCTAAGAGCCCCAAGACTGGGCAAGGCCCAAGGTGGTGTGCTGACGCTG
 GAGAACCTACCACCTCCTCCAAAGGCTCCGAGGTACCATTTCCAAGCCGTGCAGAACAAAGTAGAGGG
 AATTCTGCAAGAAGTACAGAAATTCGCGACAACGACAAGCTGTACCTCTACCTTCAGCTCCCATCGGGG
 CCCAGCGTTGGCGAGAAGAGCTCAGAGCCAAGTCTGCTCAGCAATGAGGAGTATATGTATGCCTATAGGT
 GGATCCGCAACCACCTGGAAGAGCACATGGATACCTGCCTGCCAAAGCAGAGCGTCTATGATGCCTATCG
 AAAGTACTGCGAGAGCCTCGCTGTTGCCGCCGCTCAGCACAGCCAACCTCGGTAAAATCATCAGAGAG
 ATCTTCCCTGACATCAAGGCCGAAGACTCGGTGGCCGGGCCAGTCCAAATATTGCTACAGTGGCATT
 GAAGGAAGACCTTGGTATCCATGCCACCATTGCCTGGACTCGACTGAAGGGATCTGAAAGTCCAGAAAT
 GGGCCCAGAAGTAAGCCAGCACCTCGGGATGAACTGGTAGAAGCAGCCTGTGCCCTGACTTGTGACTGG
 GCAGAGCGGATCCTGAAGCGGTCTTCACTTCCATCGTCCAGGTGCGCCCGCTACCTCCTGCAGCAGCATC
 TCATCTCTGCCCGGTCCGCACATGCTCATGTGCTTAAGGCCGGGGGGCTTGTGAAGAGGATGAAAGAGC
 CCCTCGAGAACGGTCATTATGTAAGTCCAAGAATGTCGTAGAAAGCCTGGAAGGGGGAGGCCCTAAGAAA
 CCAGAGAGACCGCCAGCCTCCTAAAGAGCAAGAAGCCGAGCTGGGACAGACCTTCCAGGGCGTGCAG
 AACGGAAGAAGAGTGAATTGACAGCTCGGTTCCAGCAGCCAGTAAGCCACAAGTTAATGCTCTTGTGGC
 CCGACTGCCTGTGCTGCTTCAAAGACACCACGATCACTTATCACACCCATTTCAGGCACTCTGAAAGTA
 GCTACGCTGCCTTACCCACTAGGGTTGGAGGGCCCCAGACAGCTGTGCCATCATCAACATGATCTTAC
 CACTGTTCTACTTTGTCAGGGCTGGGCCTGGGCCTGGCCTTGGCCTAGGTTTGGCCAGG
 GCCTGGGCTTGGCCTGGGCCGGGCCTGGTCTGGGGCTGGTCTGGGGCCTGGGTTAGGGCCTGGGCTT
 GGAGCTGGACCAGGGCCGGGCTTGGAGCTGGGCTTGGGCTGGCCTAGGGCTTGGGCTGGGCGAGTTC
 CACCTAGAGCACCCATTCTGCCTCGAGGTGCAGAGAACAGGGAGGTAGGCATAAGTAGTGATCCAAGACC
 TCATGACAAGGGTATCAAAGGACAGCTGAAGTGCCTCTGAGTGAGGCCAGTGGGAGGACCCACCAGTT
 AAAGAAATGAAGCACGAAACACAGGATACTACAGTAAGTGAAGCAAAAAGGAAGCGAGGACGCCCTCGAA
 AGAAGCCAGGAGGAGTGGGAAAGAACGCTACTCCTGAGAAGTCTGCAGCTATTGTGAAGTCTCCCCG
 ATCCCCAAGGCTACTCTGGGAGACATGGGGCTCAAAAAGAGAAAACAACCTCATTGGGAGACCAGAAGGA
 CCAGGGCCAGGGGTGAGGCTGAGCGGAAACAGTCTTGTGCAAGGTCAGCAAGATGGTGTGTTTCCA
 AAGGAGAAAGGAGCTTGAGTTCCAGGAAGCCAAAGAAGCAGAAGATAAAATTCCTCCTGTCACTTCAA
 AGTGAGTGTATCAAGGGCAGAATTCAAAAAGAGGCTCTTCAGTTGGTAAAGGGAGAGGCTGATGCTGCA
 ACACAGGGCAACAAAGGGTTAAAGGGTCGTGTACTTCAAAGTTCCTAACCCCTGAGCATAAAGACCCCA
 AAGCAACACCCCATGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_017395
- Insert Size:** 1977 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_017395.2](#), [NP_059091.2](#)

RefSeq Size: 4189 bp

RefSeq ORF: 1977 bp

Locus ID: 53970

UniProt ID: [Q9JL61](#)

Cytogenetics: 3 40.74 cM

Gene Summary: Activates transcription from class II MHC promoters. Recognizes X-boxes. Mediates cooperative binding between RFX and NF-Y. RFX binds the X1 box of MHC-II promoters. [UniProtKB/Swiss-Prot Function]