

Product datasheet for MC206051

Rfx1 (BC057018) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Rfx1 (BC057018) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Rfx1
Synonyms:	AI047719; AI385641
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>BC057018

```
>BC057018
GGAGGCGCCATAGCCACGGTAGTCGTGGCGACCAAGCAACCCAGCAACGCCAGTCAACAACAACAACTGCG
GGCCGCCCCACCCCCACGCCCGCCCGCCGCGCTGGGGACCCCGCGCGCTCGGTCCCCCTGTCACAGC
GCCACGCACCTCCTCAAAGCCTTCCGCGGACACAAGTGCGGAGAAGCCGAGGAAGGAAAACCGCCTT
ATTTATTATCATTCACTGTTGGCATGGCAACACAGTCCTATGTTACTGAGCTACAGGCAGCCCCACAAGC
ATCCCAGCCGCCACAGGCCCGCCCGCCAGGCCCTGCCCCAGCCACCACCCAGCAGCAGCCAGCCTCCT
GCTGCAGCAACCCCGAGCCCAAGTATGTCACCGAGCTGCAAAGCCCGCCAGCCAGCAGCAACCTCCGG
GCAGCCAGAAGCAGTATGTGGCAGAGCTCCCTGCTGCCCTGCACCCTCACAGCCTGCCACACCTGCCCC
ATCCCCTGTGGCTCAGCAGTATATCGTGGTCACCGTATCGGAAGGTGCCATGCGGGCTAGTGAGACTGTG
TCAGAAGCCAGCCCGAGTCCACGGCAAGCCAGACCGGTGTTCCACCCAAGTGGTCCAGCAGGTGCAGG
GCACCCAGCAGCGGCTGCTGGTCCAGGCAAGTGTGCAGGCCAAGCCAGGCCATGTGTCCCCCTGCAGCT
TACCAACATTAGGTGCCACAGCAGGCTATCCCCACACAGCACCTGGTGGTGCAGAGCCAGCACCAGGGC
ACTAAGAGTGGCCAGGTCTCCCTGACGGTGACAGTGCCAGCAGGTGCACTCTGTCTCTGAGAGGTCAC
CAGTGCAGGCCAACAACCTCCACCAGCAAGACAGCTGGGACTCCTGCGGCCACTGTGCAGCAACTACAGGT
CCACAGCGTCCAGCAGAGTGTCCCTGTCACCCAAGAGAGGTGAGTGTCCAGGCCACTCCACAGACAAA
GCTGGCCCGGTGCAGCAGCTGACTGTGCAGGGACTGCAGCCAGTTCAGTTGCTCAAGAGGTACAGCAAC
TCCCTCAGGTGCCTGTCCACACGTGTATTCCAGCCAGGTGCAGTACGTGGAAGGTGGCGATGCCAGTA
CACAGCCAGCGCCATCCGCTCTAGCACCTACCAGTACCCGGAGACGCCTATCTACACGCAGACGGCAGGC
ACCAGTACTATGAGGTTTCGGGCACGGCTGCCAGGTGAGCAGCCGGTACTTCCAGACGGTGGCCA
GCAGCGGCTCAGTGCCATGTATGTGTCCGGCAGCCCAATTGTGCCAGCTCATCCAGCAGCGAGGCTGG
GGCCAGCAACAGCAGTGTGGGTGCAGGGGGAATGGGGGAGGCGCAGCAGTGGTGGTGGCAGTGGCGGC
AGCAGCGGCAGCGGAGCAGGCACCTACGTGATCCAAGGCGGTACATGCTAGGCAATGCCAGCCAGTCTT
ACTCCACACCACCCGTGCCTCACCAGCCACAGTCCAGTGGCTCCTGGATAATTACGAGACCCGTGAGGG
CGTGAGCCTGCCACGGAGCACCCTACTGCCACTACCTGCTGCACTGCCAAGAGCAGAAGCTGGAGCCA
GTTAATGCCGCTCTTTTCGGCAAGCTCATCCGCTCGGTATTCATGGGTCTGCGCACGCGCCGTCTGGGCA
CCAGGGGCAACTTAAGTACCACTATTACGGCCTGCGGATCAAAGCCAGCTCACCCTGCTGCGGCTGAT
GGAGGACCAGCAGCACATGGCCATGCGGGGCCAGCCCTTCTCCAGAAACAGAGGCTGAAGCCCATCCAG
```



[View online »](#)

```

AAGATGGAGGGCGTGGCCAACGGTGTGGCGTGGGGCAGCAGAGCACAGGGCTGTGACACATCAGCGCCC
AGGTGCAGCAGTACCAGCAGTTCCTGGATGCCTCCAGGAGCTTGCTGATTTTGCTGAGTTGGACCTCCA
GGGCAAAGTGCTGCCTGAGGGTGTGGTCTGGGGACATCAAGGCCTTCCAGGTCTGTACCGGGAGCAC
TGTGAGGCCATCGTGGACGTATGGTAAACCTGCAGTTACACTGGTAGAAAACGCTGTGGAAGACCTTCT
GGAGATAACAACCTTAGCCAGCCCAGTGAGGCTCCACCCTGGCCGTGCATGACGAGGCCGAGAAGCGGT
GCCCAGGGCCAGTCTGGTGTCTCTCCAAGTCCAGCCTGTGCTTCAGTGGACCAAGCACTGTGACAAT
GTGCTGTACCAGGGCCTGGTGGAGATCCTCATCCCTGATGTTCTGCGGCCCATCCCCAGTGCCTTGACCC
AAGCAATCCGGAACCTTGGCAAGAGCCTGGAGAGCTGGCTCACCCATGCCATGGTGAACATCCCTGAGGA
GATGCTGCGGGTGAAGGTGGCAGCAGCTGGCGCCTTCGCACAGACTGCGGGCGCTACACATCGCTCAAC
CACTTGCGCAGGCGGCGGGCAGTGTGCAGAACACTGCACAGATCAACCAGATGCTAAGCGACCTCA
ATCGGGTGGACTTCGCAAACGTCCAGGAGCAGGCCTCGTGGGTGTGTCGCTGTGAGGACCGTGTGGTGA
GCGTTTGGAGCAGGACTTCAAGGTGACGCTGCAGCAGCAGAACTCACTGGAGCAATGGGCAGCCTGGCTG
GACGGCGTTGTGAGCCAGGTGCTCAAGCCCTACCAGGGCAGTTCGGCTTCCCAAGGCGGCCAAGCTCT
TCCTCCTCAAGTGGTCTTCTACAGCTCCATGGTAATCCGGGACCTGACCCTGCGCAGTGTGCCAGCTT
CGCTCCTTCCACCTCATCCGGTGTCTATGACGAGTACATGTACTACCTGATCGAGCACAGAGTGGCC
CAGGCCAAGGGCAGACCCCAATCGCAGTCATGGGAGAGTTTGAACCTGGCCACCTCACTGAATCCCT
TGGACCCTGACAAAGATGAAGAAGAAGAGGAGGAGAGAGTGGATGAGCTGCCACAGACATCTC
GCTGGCGGCTGGCAGCGAGTCTCCCGCACTAGGCCCTGAAGCTCTGGAGCCACCAGCGAACTGGCGCGG
ACTGACACTCGTGGCCTCTTTGTGACGGCCCTGCCCTCCAGCTAAGCCTGCCACCTCCCTGCACCCCTC
ACCTGCCCAGCCTGTGCTGCCCTCCAGGCCAGGGGCCGGTCTTCAAGTTTTGTGCTTCACTGTTACC
CTCCAGCACATGCCAGAGCTGGAGAAGTCCCTCCCCTTGACAGGGAAGGCTAGGAGAGTCTCCCTTCA
TACGGGGTGGTACAATCATGGGCGGGCTGGGCAGAAACGAAGCTGCAAACCTGACACAAAAGACGTG
CCTTAAGGAACCTGCCTAGGTGTCCTCTTCCCTGCGCAGCTCACAGCTATCCCCCACCACCACCA
CCCCAGAGGGCAGCAAGCCAGTCTCCCTGCGGAACTGTTAACTTATTCTGCTCTGCTCTTGCCATA
GCCTGCTTGGGCAGGCGCAGGTGGGTAGCACCTTGGGACCCCAACCGTCAGCAGCAGTACCCCACTGCTC
CCCTTCTTGGTATTAAGTGCAATTAAGCTGTGGGTGTTGCACCTTCTCCAGAGCTGGTCTCTTGGC
CCCGCAGCCAGAGAGGGGCATATTGTGAAGGGCCCCGGCCTCCAGCTTCCAAAGAGGAGCATCTGGCTG
GCTGCAGGGCCAGGTGCTCCAGACCCGAGGCCTCGCCCTGCGCCTTCCACCCCATCAGCTTGTGACCGAA
ACCTGCTCCAGAGATGCTTCTCCTCTGTGACAGTGCCTGACCCCGTAACCTATTGTGATTAGTGAGTG
CCGCTTGAAGCGGAGTCACTAAGTGTGGTGTTCCTTCCAACCATCATGGCCTTATCCGTCCTCCGATTC
TCAGTGTCTTCAATCTGTGATAGATGTTTATGGAGAAAAAGCAAATCTGGCCTATTGTATAGAAATCCCT
ATTTTGTGTGCTCCGCGTCTCCAGCTTTTGGGTGGTCTGCACACTCCCATGGGCTCCCTTCCAG
TGCTCAAAGTATCCACGCGGTGGTAGTTTGTGTGCTGTTTTCTACCTTTGTAGTCTTTCTTAAACA
ATAAATACTGCTGTGAAAAAAAAAAAAAAAAAAAAA
    
```

- Restriction Sites:** Ascl-NotI
- ACCN:** BC057018
- Insert Size:** 2892 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: [BC057018](#), [AAH57018](#)

RefSeq Size: 4167 bp

RefSeq ORF: 2892 bp

Locus ID: 19724

Cytogenetics: 8 40.28 cM

Gene Summary: Regulatory factor essential for MHC class II genes expression. Binds to the X boxes of MHC class II genes (By similarity).[UniProtKB/Swiss-Prot Function]