

## Product datasheet for MR204707

### Fcrl1 (BC055830) Mouse Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Fcrl1 (BC055830) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Fcrl1
Synonyms:	Fcrlh1, BXMAS1, IFGP1, FcRH1L, FcRH1S, moFcRH1L, moFcRH1S, mBXMH1b
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>MR204707 ORF sequence Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGCATCGCC**

ATGCTACCTTGGCTCCTGCTACTGATCTGTGCTCTACCGTGTGAACCTGCTGGAATCTCTGATGTGAGCT  
TGAAGACACGGCCCCAGGAGGATGGGTGATGGAGGGAGACAAGCTGGTCTCATCTGCTCGTTGATAG  
AGTCACTGGGAATATAACTTACTTCTGGTACAGAGGGCCCTGGGTTTCCAAGTGGAAACAAGACACAA  
CCTTCACTAACAGCAGAGTTTGAGATCAGTGACATGAAGCAGAGCGATGCTGATCAATATTACTGTGCGG  
CTAACGATGGCCACGACCCTATCGCCAGTGAGCTGGTGGAGCATCCACGTCAGAGTCCAGTGTCTCGCCC  
TGTCTTACGTTTGGGGACTCTGGAACCCAGGCTGTGCTAGGGGACCTGGTGGAGCTTCACTGTAAGGCC  
CTGAGAGGCTCACCCCAATCTTCTACCACTTTATCATGAGAGCATCATCCTGGGGAACAGTTCAGCAC  
CCTCTGGAGGAGGAGCATCCTTCAACTTCTCCCTGACTGCAGAACATTCTGGAAACTTCTCCTGTGAGGC  
CAGCAATGGACAGGGTGCCCAACGAAGTGAGGTGGTGGCTCTCAACTAACAGGTCTCTCCTTAGTGCTT  
ACTGAGAATGGAATCAGCCATCTCTCCTTAGGACTCACTGGGTGGCTGCTTGGCTGTCTTAGCCCCATCA  
CCATGGCCTTAATATTTTGCTACTGGCTCAAGAGAAAAATAGGAAGACAGTCAGAGGATCCAGTCAGGAG  
CCCTCCTCAGACTGTGCTCAAGGATCCACGTACCCCAATCCCCGACTCAAGGCAGCCAGAGCCCCTG  
TATGAGAACGTGAACGTTGTAAGTGGCAATGAAGTGTACTCTCTGGTGTACCACACCCCGCAGGTGCTGG  
AACCAGCAGCAGCTCAGCATGTGAGGACACACGGAGTAAGTGAGGTCCAGGGAGGGATAGCC

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA



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**Protein Sequence:** >MR204707 protein sequence  
 Red=Cloning site Green=Tags(s)

MLPWLLLLICALPCEPAGISDVSLKTRPPGGWVMEGDKLVLICSVDRVLTGNITYFWYRGALGFQLETKTQ  
 PSLTAEFEISDMKQSDADQYYCAANDGHDPVIASELVSIHVRVVPVSRPVLTFGDSGTQAVLGDLVELHCKA  
 LRGSPPIFYQFYHESIILGNSSAPSGGGASFNLSLTAEHSGNFSCEASNGQGAQRSEVVALNLTGLSLVP  
 TENGISHLGLGLGWLLGCLSPITMALIFCYWLKRRKIGRQSEDPVRSPPQTVLQGSTYPKSPDSRQPEPL  
 YENVNVVSGNEVYSLVYHTPQVLEPAAAQHVVRTHGVSEVQGGIA

TRTRPLEQKLISEEDLAANDILDYKDDDDKVV

**Restriction Sites:** SgfI-MluI

**Cloning Scheme:**

Cloning sites used for ORF Shuttling:



\* The last codon before the Stop codon of the ORF

**ACCN:** BC055830

**ORF Size:** 972 bp

**OTI Disclaimer:** The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

**OTI Annotation:** This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

**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:** [BC055830](#), [AAH55830](#)

**RefSeq Size:** 1593 bp

**RefSeq ORF:** 974 bp

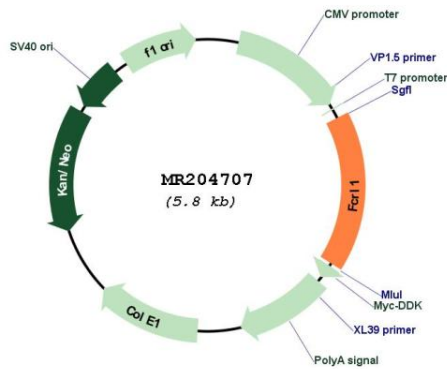
**Locus ID:** 229499

**Cytogenetics:** 3 F1

**MW:** 35 kDa

**Gene Summary:** May function as an activating coreceptor in B-cells. May function in B-cells activation and differentiation (By similarity).[UniProtKB/Swiss-Prot Function]

**Product images:**



Circular map for MR204707