

## Product datasheet for **MC212037**

### **Fcrla (NM\_145141) Mouse Untagged Clone**

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Fcrla (NM\_145141) Mouse Untagged Clone  
**Tag:** Tag Free  
**Symbol:** Fcrla  
**Synonyms:** BB219290; FCRL; FCRL1; Fcrlm1; Fcrx; FREB; Freb1; mFcrX; mFREB  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**Cell Selection:** Neomycin  
**Fully Sequenced ORF:** >MC212037 representing NM\_145141  
**Red**=Cloning site **Blue**=ORF **Orange**=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**GCGATCGCC**

ATGAAGCTGAGCTGCACGCTCACACAGTGGGCCCTTTATGTCTGCCCTGTGTGCTCCTGGCAACCCAGA  
TGTTACTGGCTGCCAGTTCAGAGACTCTGAAGTGTGAAGGACTTGTGAGCACTGAGCAAGGCAGCTGCCA  
GGCTGCTGCTGAGGAAGACGAGGGTGATGAAGATGATGGCGATATGACCCAATCCAGTGAAGCTGGCTTC  
CAGTTCAAGGGCTACACATTCAGTAAACCTTCCATCTCAGCGTGTCTATGACTGGCTGATCCTTCAAG  
GTCCAGCTACATTGATATTTGAAGGAGACACATTGGTTCTGCACTGCCGCGCCTGGCAAGACTGGCCACT  
GACTCAGGTTATCTTCTACCGAGAGGGCTCCGCTTGGGTCTCCTGGACCTAAAAGTGAATTCCTCATC  
ACCATGGTGCAAAAGTCAGACGGTGGGCACTACCACTGCAGTGGCATCTTCAGGAGCCCTGGTCCTGGGA  
GCCGAGAGGCTGCATCCCTGTGGCTATCACTGTCCAAGATTGTTTGCAGCCCCAGTTCTCAAAGCCTT  
ACCTTCTAGTGAGCCCCAAGAGGGAGGCTCAGTAACCTGAGCTGTCAGACAAAGCTGGCCCTGCAGAGG  
TCAGCTTCCCGCCTCCTTCTCTTTCTACAAGGATGGAAGTCACTGAGTGTGAGGAGTCTCTTCAG  
AACTCAAGATCCCCAAAGCCTCAGAAGAACAACCTGGCTCCTACTGGTGTGAGGCAGTGAAGGACAG  
ACAGATTTGCAAGCAGAGCCCACTGAGACTGGGTACAGGCTCTTCAAGAAACCAACCGCTTCGGAA  
ACTCCTCCACAGAAGCTCTCGGTCCTCTGCCCCACCACCTGCTTCTTCTGCTGAGCAGCCAAGATTCT  
CCTCCCCAGACCCACCTTCATCACCAGATGCAGCTTCTTCTCAAAACAATAACAAGATGTAAGAGCTCT  
CCTCGGTCATCTGGTCATGGAGCTGAGGGACTGTCTGTCTACCTGAAGCCTGGTACCACGAAGTTGCT  
GACAA**TGA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAAGTTTAA

**Restriction Sites:** SgfI-MluI  
**ACCN:** NM\_145141



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<b>Insert Size:</b>	1059 bp
<b>OTI Disclaimer:</b>	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).
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<u>NM_145141.2, NP_660123.1</u>
<b>RefSeq Size:</b>	1658 bp
<b>RefSeq ORF:</b>	1059 bp
<b>Locus ID:</b>	98752
<b>UniProt ID:</b>	<u>Q920A9</u>
<b>Cytogenetics:</b>	1 H3
<b>Gene Summary:</b>	May be implicated in B-cell differentiation and lymphomagenesis.[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (2) uses an alternate in-frame splice junction at the 5' end of an exon compared to variant 1. The resulting isoform (2) has the same N- and C-termini but is 1 aa shorter compared to isoform 1.