

## Product datasheet for **RC237093**

### FCRLB (NM\_001288831) Human Tagged ORF Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** FCRLB (NM\_001288831) Human Tagged ORF Clone  
**Tag:** Myc-DDK  
**Symbol:** FCRLB  
**Synonyms:** FCRL2; FCRLM2; FCRLY; FcRY; FREB-2; FREB2  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**Cell Selection:** Neomycin  
**ORF Nucleotide Sequence:** >RC237093 representing NM\_001288831  
**Red=Cloning site Blue=ORF Green=Tags(s)**

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**GCGATCGCC**

ATGTGGCCACTGACAGCCCTTCTGCTCCTGGTTCCAAGCAGTGGGCAAGCTGCTACTCTGGAGAAGCCCA  
TATTGTCTCTACATCCACCTTGACCACCATCTCAAAGGGGAGCGGGTAACTTTGAAGTGTGATGGATA  
CCACCCACTGCTCCTGGAGCTCCAGCCATCAGCACTCTCTGGTATTTGGGCCACCTACTTCTGCCCTCT  
CACAAGAAGAGCATTGAGGTGCAGACACCAGGGGTGTATCGATGCCAGACACGGGGAGCACCCGTCAGTG  
ACCCCATCCACCTCTCTGTATCCAATGATTGGCTGATTCTGCAAGTGCCCTATGCGCCAGTGTTTCGAGGG  
TGAGCCGCTAGTCCTGCCTGCCGCGGCTGGTACGACAAGGTGGTCTACAAGTTCACTACTACCACGAC  
GGCCAGGCCGTGCCTACTTCCACTCCAGCGCCAACTACACTGTGTTACAGGCGCGTGCCAGCGACAGCG  
GGCGCTACCAGTGTCCGGCACCATGCGCATCCCGGTGGAGAGCGCGCCATGTTCTCCGCTAAGGTGGC  
TGTGACAGTGAAGAAGCGCGACACGCCGCTGCAGTTCGCGTTTTACAAGTACAGCCGCGCGGTGCCCGC  
CTTCGACTGGGGCGCGAGTACACAGTCCCGGAGCCCGAGGTGAGGAGCTCGAATCGTACTGGTGCGAG  
GCGGCTACCGCCACCCGAGTGTCCGAAACGCAGTCCGTGGCTGCAGCTCCCGGGCGCGGTTCTCCCC  
TGGACCCGGCTCCACCACCGCCCGAGTCCATGGGCCGAGCCTTGCTCCTGG

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA



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**Protein Sequence:** >RC237093 representing NM\_001288831  
Red=Cloning site Green=Tags(s)

MWPLTALLLLVPSSGQAATLEKPIILSLHPPWTTIFKGERVTLKCDGYHPLLELQPISTLWYLGHLLLP  
 HKKSIEVQTPGVYRCQTRGAPVSDPIHLSVSNLWILQVPYAPVFEGEPLVLRRCRWYDKVYKLYHYHD  
 GQAVRYFHSSANYTVLQARASDSGRYQCSGTMRI PVESAPMFSAKVAVTVQEARHAAAVRVLQVQPRGAP  
 LRLGRRVHSPGARGRGARIVLVRGGYRHPQCPETQSVAAAPGAGFSPGPGLHHRPSSMGRSLGSW

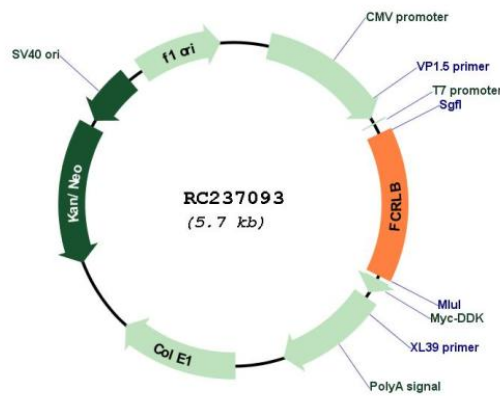
TRTRPLEQKLISEEDLAANDILDYKDDDDKV

**Restriction Sites:** SgfI-MluI

**Cloning Scheme:**



**Plasmid Map:**



**ACCN:** NM\_001288831  
**ORF Size:** 825 bp

<b>OTI Disclaimer:</b>	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. <a href="#">More info</a>
<b>OTI Annotation:</b>	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
<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>	<a href="#">NM_001288831.1</a> , <a href="#">NP_001275760.1</a>
<b>RefSeq Size:</b>	1695 bp
<b>RefSeq ORF:</b>	828 bp
<b>Locus ID:</b>	127943
<b>UniProt ID:</b>	<a href="#">Q6BAA4</a>
<b>Cytogenetics:</b>	1q23.3
<b>MW:</b>	30.8 kDa
<b>Gene Summary:</b>	FCRL2 belongs to the Fc receptor family. Fc receptors are involved in phagocytosis, antibody-dependent cell cytotoxicity, immediate hypersensitivity, and transcytosis of immunoglobulins via their ability to bind immunoglobulin (Ig) constant regions (Chikaev et al., 2005 [PubMed 15676285]).[supplied by OMIM, Mar 2008]