

## Product datasheet for **RG237093**

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

#### Product data:

Product Type:	Expression Plasmids
Product Name:	FCRLB (NM_001288831) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	FCRLB
Synonyms:	FCRL2; FCRLM2; FCRLY; FcRY; FREB-2; FREB2
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>RG237093 representing NM_001288831. Blue=ORF Red=Cloning site Green=Tag(s)

```
GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGTGGCCACTGACAGCCCTTCTGCTCCTGGTTCCAAGCAGTGGGCAAGCTGCTACTCTGGAGAAGCCC
ATATTGTCTCTACATCCACCTTGGACCACCATCTCAAAGGGGAGCGGTAACCTTGAAGTGTGATGGA
TACCACCCACTGCTCCTGGAGCTCCAGCCCATCAGCACTCTCTGGTATTTGGCCACCTACTTCTGCC
TCTCACAAGAAGAGCATTGAGGTGCAGACACCAGGGGTGTATCGATGCCAGACACGGGGAGCACCCGTC
AGTGACCCCATCCACCTCTGTATCCAATGATTGGCTGATTCTGCAAGTGCCCTATGCGCCAGTGTT
GAGGGTGAGCCGCTAGTCTGCGCTGCCGCGGCTGGTACGACAAGGTGGTCTACAAGCTTCACTACTAC
CACGACGCCAGGCCGTGCGCTACTTCCACTCCAGCGCCAACACTACTGTGTTACAGCGCGTGCCAGC
GACAGCGGGCGCTACCAGTGCTCGGGCACCATGCGCATCCCGGTGGAGAGCGCGCCCATGTTCTCCGCT
AAGGTGGCTGTGACAGTGCAAGAAGCGCGACACGCCGCTCGAGTTCGCGTTTTACAAGTACAGCCGCGC
GGTGCGCCGCTTCGACTGGGGCGCCGAGTACACAGTCCCGGAGCCCGAGGTCGAGGAGCTCGAATCGTA
CTGGTGCGAGGCGGCTACCGCCACCCGAGTGTCCGAAACGCAGTCCGTGGCTGCGACTCCCGGGGC
GGGTTCTCCCCTGGACCCGGCTCCACCACCGCCAGCTCCATGGGCCGAGCCTTGGCTCCTGG
ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAAAC
```



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**Protein Sequence:** >Peptide sequence encoded by RG237093  
 Blue=ORF Red=Cloning site Green=Tag(s)

MWPLTALLLLVPSSGQAATLEKPIILSLHPPWTTIFKGERVTLKCDGYHPLLELQPISTLWYLGHLLLP  
 SHKKSIEVQTPGVYRCQTRGAPVSDPIHLSVSNDWLILQVPYAPVFEQEPLVLCRGGWYDKVYKLHYY  
 HDGQAVRYFHSSANYTVLQARASDSGRYQCSGTMRIIPVESAPMFSAKVAVTVQEARHAAAVRVLQVQPR  
 GAPLRLGRRVHSPGARGRGARIVLVRGGYRHPQCPETQSVAAAPGAGFSPGPG LHHRPSSMGRSLGSW  
**TRTRPLEMESDESGLPAMEIECRITGTLNGVEFELVGGGEGTPEQGRMTNKMKSTKGALTFSPYLLSHV**  
 MGYGFYHFGTYPSTYENPFLHAINNGGYTNTRIEKYEDGGVLHVSFSYRYEAGRVIGDFKVMGTGFPEP  
 SVIFTDKIIRSNAIVEHLHPMGDNDLDGSFTRTFSLRDGGYSSVVD SHMHFKSAIHPSILQNGGPMFA  
 FRRVEEDHSNTELGIVEYQHAFKTPDADAGEERV

**Restriction Sites:** SgfI-MluI

**Cloning Scheme:**



**ACCN:** NM\_001288831

**ORF Size:** 825 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).

**RefSeq:** [NM\\_001288831.1](#), [NP\\_001275760.1](#)

**RefSeq Size:** 1695 bp

**RefSeq ORF:** 828 bp

Locus ID: 127943

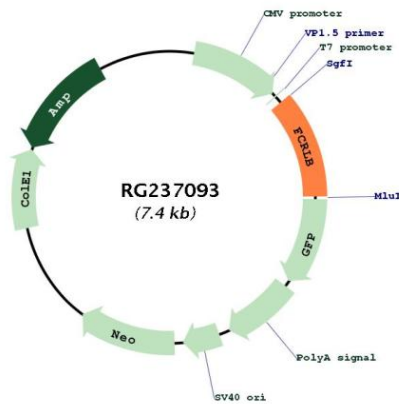
UniProt ID: [Q6BAA4](#)

Cytogenetics: 1q23.3

MW: 30.8 kDa

Gene Summary: 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]

### Product images:



Circular map for RG237093