

Product datasheet for **RG237052**

FCRLB (NM_001288832) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	FCRLB (NM_001288832) 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:	>RG237052 representing NM_001288832. Blue=ORF Red=Cloning site Green=Tag(s)

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GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGTGGCCACTGACAGCCCTTCTGCTCCTGGCTACTCTGGAGAAGCCCATATTGTCTCTACATCCACCT
TGGACCACCATCTTCAAAGGGGAGCGGTAACCTTGAAGTGTGATGGATACCACCCACTGCTCCTGGAG
CTCCAGCCATCAGCACTCTCTGGTATTTGGGCCACTACTTCTGCCCTCTACAAGAAGAGCATTGAG
GTGCAGACACCAGGGGTGATCGATGCCAGACACGGGGAGCACCCGTAGTGACCCCATCCACCTCTCT
GTATCCAATGATTGGCTGATTCTGCAAGTGCCCTATGCGCCAGTGTTCGAGGGTGAGCCGCTAGTCTG
CGCTGCCCGGGCTGGTACGACAAGGTGGTCTACAAGCTTCACTACTACCAGACGCCAGGCCGTGCCG
TACTTCCACTCCAGCGCCAACACTACTGTGTTACAGGCGCGTGCCAGCGACAGCGGGCGCTACCAGTGC
TCGGGCACCATGCGCATCCCGGTGGAGAGCGCGCCCATGTTCTCCGCTAAGGTGGCTGTGACAGTGCAA
GAAGCGCGACACGCCGCTGCAGTTCGCGTTTTACAAGTACAGCCGCGCGGTGCGCCGCTTCGACTGGGG
CGCCGAGTACACAGTCCCGGAGCCCGAGGTCGAGGAGCTCGAATCGTACTGGTGCAGGCGGCTACCCG
CACCCGAGTGTCCGAAACGAGTCCGTGGCTGCAGCTCCCGGGCCGGGTTCTCCCCTGGACCCGGC
CTCCACCACCGCCCGAGTCCATGGGCCGAGCCTTGGCTCTGG
ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAAAC
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Protein Sequence: >Peptide sequence encoded by RG237052
 Blue=ORF Red=Cloning site Green=Tag(s)

MWPLTALLLLATLEKPILSLHPPWTTIFKGERVTLKCDGYHPLLELQPISTLWYLGHLLLP SHKKSIE
 VQTPGVYRCQTRGAPVSDPIHLSVSNWDLILQVPYAPVFEQEPLVLCRGWYDKVYKLYHYHDGQAVR
 YFHSSANYTVLQARASDSGRYQCSGTMRI PVESAPMF SAKVAVTVQEARHAAAVRVLQVQPRGAPLRLG
 RRVHSPGARGRGARIVLVRGGYRHPQCPETQSVAAAPGAGFSPGPGLHHRPSSMGRSLGSW
 TRTRPLEMESDESGLPAMEIECRITGTLNGVEFELVGGGEGTPEQGRMTNKMKSTKGALTFSPYLLSHV
 MGYGFYHFGTYPSGYENPFLHAINNGGYTNTRIEKYEDGGVLHVSFSYRYEAGRVIGDFKVMGTGFPE
 SVIFTDKIIRS NATVEHLHPMGDNDLDGSFTRTFSLRDGGYSSVVD SHMHFKSAIHPSILQNGGPMFA
 FRRVEEDHSNTELGIVEYQHAFKTPDADAGEERV

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_001288832

ORF Size: 804 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_001288832.1](#), [NP_001275761.1](#)

RefSeq Size: 1674 bp

RefSeq ORF: 807 bp

Locus ID: 127943

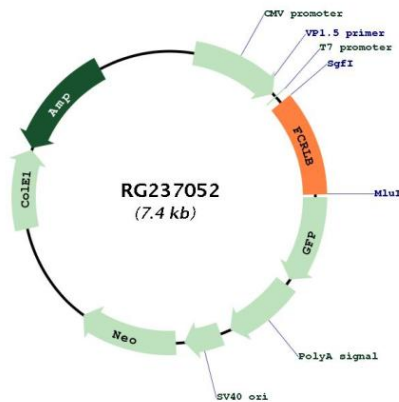
UniProt ID: [Q6BAA4](#)

Cytogenetics: 1q23.3

MW: 30.1 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 RG237052