

## Product datasheet for **RG229665**

### FCRLM1 (FCRLA) (NM\_001184873) Human Tagged ORF Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** FCRLM1 (FCRLA) (NM\_001184873) Human Tagged ORF Clone  
**Tag:** TurboGFP  
**Symbol:** FCRLM1  
**Synonyms:** FCRL; FCRL1; FCRLb; FCRLc1; FCRLc2; FCRLd; FCRLe; FCRLM1; FCRLX; FCRX; FRED  
**Mammalian Cell Selection:** Neomycin  
**Vector:** pCMV6-AC-GFP (PS100010)  
**E. coli Selection:** Ampicillin (100 ug/mL)  
**ORF Nucleotide Sequence:** >RG229665 representing NM\_001184873  
**Red**=Cloning site **Blue**=ORF **Green**=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGTTGAAGAAAATCAGTGTGGGGTTCAGGAGACCTAAACACAGTCACCATGAAGCTGGGCTGTGTCC  
TCATGGCCTGGGCCCTCTACCTTCCCTTGGTGTGCTCTGGGTGGCCAGATGCTACTGGCTGCCAGTTT  
TGAGACGCTGCAGTGTGAGGGACCTGTCTGCACTGAGGAGAGCAGCTGCCACACGGAGGATGACTTGACT  
GATGCAAGGGAAGCTGGCTTCCAGGTCAAGGCCTACACTTTCAGTGAACCTTCCACCTGATTGTGTCT  
ATGGTGCTTCCAGCTCTGCTGCACCTCCACATTGAATCCAGCTCCTCAGAAATCAGCTGCTCCAGGAAC  
TGCTCCTGAGGAGGCCCTGGGCCTCTGCCTCCGCCGCCAACCCATCTTCTGAGGATCCAGGCTTTTCT  
TCTCCTCTGGGGATGCCAGATCCTCATCTGTATCACCAGATGGGCCTTCTTCTCAAACACATGCAGGATG  
TGAGAGTCTCCTCGGTACCTGCTCATGGAGTTGAGGAATTATCTGGCCACCGGAAGCCTGGGACCAC  
AAAGGCTACTGCTGAA

**ACGCGT**ACGCGGCCGCTCGAG - GFP Tag - GTTTAA

**Protein Sequence:** >RG229665 representing NM\_001184873  
**Red**=Cloning site **Green**=Tags(s)

MLKKISVGVAGDLNTVTMKLGCVLMAWALYLSLGLVWVAQMLLAASFETLQCEGPVCTEESCHTEDDLT  
DAREAGFQVKAYTFSEPHLIVSYGASSAAPPTLNPAQKSAAPGTAPPEAPGPLPPPPTPSSDDPGFS  
SPLGMPDPHLYHQMGLLLKHMVDVRVLLGHLLMELRELSGHRKPGTTKATAE

**TRTRPLE** - GFP Tag - V

**Restriction Sites:** SgfI-MluI



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**Cloning Scheme:**


**ACCN:** NM\_001184873

**ORF Size:** 576 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:** [NM\\_001184873.1](#), [NP\\_001171802.1](#)

**RefSeq Size:** 1805 bp

**RefSeq ORF:** 528 bp

**Locus ID:** 84824

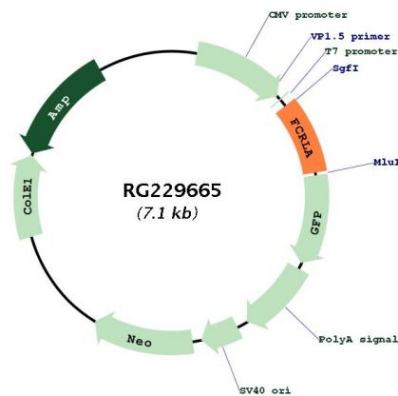
**UniProt ID:** [Q7L513](#)

**Cytogenetics:** 1q23.3

**Protein Families:** Secreted Protein, Transmembrane

**Gene Summary:** This gene encodes a protein similar to receptors for the Fc fragment of gamma immunoglobulin (IgG). These receptors, referred to as FCGRs, mediate the destruction of IgG-coated antigens and of cells induced by antibodies. This encoded protein is selectively expressed in B cells, and may be involved in their development. This protein may also be involved in the development of lymphomas. Multiple alternatively spliced transcript variants that encode different protein isoforms have been described for this gene. [provided by RefSeq, Aug 2011]

**Product images:**



Circular map for RG229665