

# **Product datasheet for RG229665**

### OriGene Technologies, Inc.

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## 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: FCRLA

Synonyms: FCRL; FCRLb; FCRLc1; FCRLc2; FCRLd; FCRLe; FCRLM1; FCRLX; FCRX; FREB

Mammalian Cell Neomycin

Selection:

Vector: pCMV6-AC-GFP (PS100010)

E. coli Selection: Ampicillin (100 ug/mL)

ORF Nucleotide >RG229665 representing NM\_001184873
Sequence: Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC

GCCGCGATCGCC

ATGTTGAAGAAAATCAGTGTTGGGGTTGCAGGAGACCTAAACACAGTCACCATGAAGCTGGGCTGTGTCC
TCATGGCCTGGGCCCTCTACCTTTCCCTTGGTGTGCCCTCGGGTGGCCCAGATGCTACTGGCTGCCAGTTT
TGAGACGCTGCAGTGTGAGGGACCTGCTCTGCACTGAGGAGAGCAGCTGCCACACGGAGGATGACTTGACT
GATGCAAGGGAAGCTGGCTTCCAGGTCAAGGCCTACACTTTCAGTGAACCCTTCCACCTGATTGTGTCCT
ATGGTGCTTCCAGCTCTGCACCTCCCACATTGAATCCAGCTCCTCAGAAATCAGCTGCTCCAGGAAC
TGCTCCTGAGGAGGCCCCTGGGCCTCTGCCTCCGCCGCCAACCCCATCTTCTGAGGATCCAGGCTTTCT
TCTCCTCTGGGGATGCCAGATCCTCATCTGTATCACCAGATTGGCCACCGGAAGCCTGGGACCAC
TGAGAGTCCTCCTCGGTCACCTGCTCATGGAGTTGAGGGAATTATCTGGCCACCGGAAGCCTGGGACCAC

AAAGGCTACTGCTGAA

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA

Protein Sequence: >RG229665 representing NM\_001184873

Red=Cloning site Green=Tags(s)

MLKKISVGVAGDLNTVTMKLGCVLMAWALYLSLGVLWVAQMLLAASFETLQCEGPVCTEESSCHTEDDLT DAREAGFQVKAYTFSEPFHLIVSYGASSSAAPPTLNPAPQKSAAPGTAPEEAPGPLPPPPTPSSEDPGFS

SPLGMPDPHLYHQMGLLLKHMQDVRVLLGHLLMELRELSGHRKPGTTKATAE

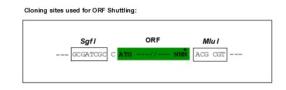
TRTRPLE - GFP Tag - V

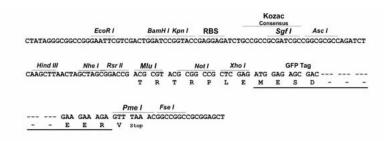
**Restriction Sites:** Sgfl-Mlul



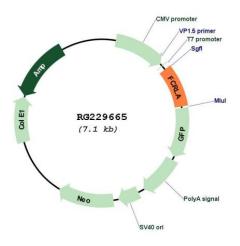


#### **Cloning Scheme:**





#### Plasmid Map:



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).

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Reconstitution Method: 1.

- 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:** <u>NM 001184873.1, NP 001171802.1</u>

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]