

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: FCRLA
Synonyms: FCRL; FCRL1; FCRLb; FCRLc1; FCRLc2; FCRLd; FCRLe; FCRLM1; FCRLX; FCRX; FREQ
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
TCATGGCTGGGCCCTACCTTCCCTGGTGTGCTCTGGTGGCCAGATGCTACTGGCTGCCAGTTT
TGAGACGCTGCAGTGTGAGGGACCTGTCTGCAGTGGAGAGCAGCTGCCACACGGAGGATGACTTACT
GATGCAAGGGAAGCTGGCTTCCAGGTCAAGGCCTACACTTTCAGTGAACCCTTCCACCTGATTGTGTCT
ATGGTGTCTCCAGCTCTGCTGCACCTCCACATTGAATCCAGCTCCTCAGAAATCAGCTGCTCCAGGAAC
TGCTCCTGAGGAGCCCTGGGCCTCTGCCTCCGCCCAACCCCATCTTCTGAGGATCCAGGCTTTTCT
TCTCCTCTGGGGATGCCAGATCCTCATCTGTATCACCAGATGGGCCTTCTTCTAAACACATGCAGGATG
TGAGAGTCTCCTCGGTACCTGCTCATGGAGTTGAGGGAATTATCTGGCCACCGGAAGCCTGGGACCAC
AAAGGCTACTGCTGAA

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA

Protein Sequence: >RG229665 representing NM_001184873
Red=Cloning site Green=Tags(s)

MLKKISVGVAGDLNVTMMLGCVLMAWALYLSLGLVWVAQMLLAASFETLQCEGPVCTEESCHTEDDLT
DAREAGFQVKAYTFSEPFHLIVSYGASSAAPPTLNPAQKSAAPGTAPEEAPGLPPPPTPSSSDPFGS
SPLGMPDPHLYHQMLLLKHMVDVRLVLLGHLLMELRELSGHRKPGTTKATAE

TRTRPLE - GFP Tag - V

Restriction Sites: SgfI-MluI



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]