

Product datasheet for **RG201414**

FCRLM1 (FCRLA) (NM_032738) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	FCRLM1 (FCRLA) (NM_032738) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	FCRLM1
Synonyms:	FCRL; FCRL1; FCRLb; FCRLc1; FCRLc2; FCRLd; FCRLe; FCRLM1; FCRLX; FCRX; FRES
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>RG201414 representing NM_032738 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGTTGAAGAAAATCAGTGTGGGGTTCAGGAGACCTAAACACAGTCACCATGAAGCTGGGCTGTGTCC
TCATGGCTGGGCCCTACCTTCCCTTGGTGTGCTCTGGTGGCCAGATGCTACTGGCTGCCAGTTT
TGAGACGCTGCAGTGTGAGGGACCTGTCTGCAGTGGAGAGCAGCTGCCACACGGAGGATGACTTGACT
GATGCAAGGGAAGCTGGCTTCCAGGTCAAGGCCTACACTTTCAGTGAACCCTCCACCTGATTGTGTCT
ATGACTGGCTGATCCTCAAGGTCCAGCCAAGCCAGTTTTTGAAGGGGACCTGCTGGTTCTGCGCTGCCA
GGCTGGCAAGACTGGCCACTGACTCAGGTGACCTTCTACCGAGATGGCTCAGCTCTGGTCCCCCGGG
CCTAACAGGGAATTCTCCATCACCGTGGTACAAAAGGCAGACAGCGGGCACTACCACTGCAGTGGCATCT
TCCAGAGCCCTGGTCTGGGATCCAGAAAACAGCATCTGTTGTGGCTATCACAGTCCAAGAACTGTTTCC
AGCGCAAATTCTCAGAGCTGTACCCTCAGCTGAACCCCAAGCAGGAAGCCCCATGACCCTGAGTTGTGAG
ACAAAGTTGCCCCGTCAGAGGTGAGTGGCCGCTCCTTCTCCTTCTACAAGGATGGAAGGATAGTGC
AAAGCAGGGGGCTCTCCTCAGAATTCAGATCCCCACAGCTTCAAGATCACTCCGGGTCACTAGGTGCT
TGAGGCAGCCACTGAGGACAACCAAGTTTGAACAGAGCCCCAGCTAGAGATCAGAGTGCAGGGTGTCT
TCCAGCTGCTGCACCTCCCACATTGAATCCAGCTCCTCAGAAATCAGCTGCTCCAGAACTGCTCCTG
AGGAGGCCCTGGGCTCTGCCTCCGCCCAACCCCATCTTCTGAGGATCCAGGCTTTTCTCTCCTCT
GGGATGCCAGATCCTCATCTGTATCACCAGATGGGCTTCTTCTCAAACACATGCAGGATGTGAGAGTC
CTCCTCGTACCTGCTCATGGAGTTGAGGGAATTATCTGGCCACCAGAAGCCTGGGACCACAAAGGCTA
CTGCTGAA

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA



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Protein Sequence: >RG201414 representing NM_032738
 Red=Cloning site Green=Tags(s)

MLKKISVGVAGDLNTVTMKLGCVLMAWALYL SLGVLWVAQMLLAASFETLQCEGPVCTEESSCHTEDDLT
 DAREAGFQVKAYTFSEPFHLIVSYDWLILQGPAPKPVFEGDLLVLRCAWQDWPLTQVTFYRDGSALGPPG
 PNREFSITVVQKADSGHYHCSGIFQSPGPGIPETASVVAITVQELFPAPILRAVPSAEPQAGSPMTLSCQ
 TKLPLQRSARLLFSFYKDGRIVQSRGLSSEFQIPTASEDHSGSYWCEAAATEDNQVWKQSPQLEIRVQGA
 SSSAAPPTLNPAPQKSAAPGTAPEEAPGPLPPPPTPSSSEDPGFSSPLGMPDPLHYHQMLLLKHMQDVRV
 LLGHLLMELRELSGHQKPGTTKATAE

TRTRPLE - GFP Tag - V

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_032738

ORF Size: 1128 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_032738.3](#), [NP_116127.3](#)

RefSeq Size: 2357 bp

RefSeq ORF: 1080 bp

Locus ID: 84824

UniProt ID: [Q7L513](#)

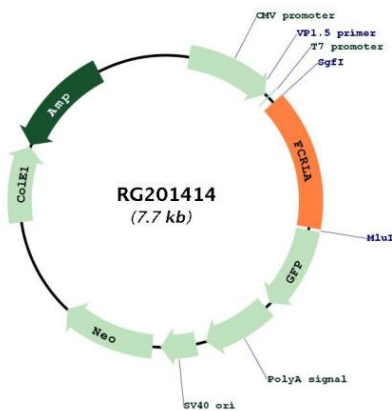
Cytogenetics: 1q23.3

Domains: ig, IG

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 RG201414