

Product datasheet for **RG229576**

FCRLM1 (FCRLA) (NM_001184871) Human Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: FCRLM1 (FCRLA) (NM_001184871) 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: >RG229576 representing NM_001184871
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGTTGAAGAAAATCAGTGTGGGGTTCAGGAGACCTAAACACAGTCACCATGAAGCTGGGCTGTGTCC
TCATGGCTGGGCCCTACCTTCCCTTGGTGTGCTCTGGTGGCCAGATGCTACTGGGTGCTTCCAG
CTCTGTGCACCTCCACATTGAATCCAGCTCCTCAGAAATCAGCTGCTCCAGGAAGTCTCCTGAGGAG
GCCCTGGGCTCTGCCTCCGCCCAACCCATCTTCTGAGGATCCAGGCTTTTCTCTCCTCTGGGA
TGCCAGATCCTCATCTGTATCACCAGATGGCCTTCTTCTCAAACACATGCAGGATGTGAGAGTCTCCT
CGGTACCTGCTCATGGAGTTGAGGAATTATCTGGCCACCGGAAGCCTGGGACCACAAAGGCTACTGCT
GAA

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA

Protein Sequence: >RG229576 representing NM_001184871
Red=Cloning site Green=Tags(s)
MLKKISVGVAGDLNVTMKLGCVLMAWALYLSLGVLWVAQMLLGASSAAPPTLNPAQKSAAPGTAPEE
APGPLPPPPTPSSEDPGFSSPLGMPDPLHYQMGLLLKHMQDVRVLLGHLLMELRELSGHRKPGTTKATA
E

TRTRPLE - GFP Tag - V

Restriction Sites: Sgfl-MluI



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| 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: | <ol style="list-style-type: none">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_001184871.1, NP_001171800.1</u> |
| RefSeq Size: | 1652 bp |
| RefSeq ORF: | 375 bp |
| Locus ID: | 84824 |
| UniProt ID: | <u>Q7L513</u> |
| 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] |