

## Product datasheet for **SC104080**

### FCRLM1 (FCRLA) (NM\_032738) Human Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	FCRLM1 (FCRLA) (NM_032738) Human Untagged Clone
Tag:	Tag Free
Symbol:	FCRLM1
Synonyms:	FCRL; FCRL1; FCRLb; FCRLc1; FCRLc2; FCRLd; FCRLe; FCRLM1; FCRLX; FCRX; FREB
Mammalian Cell Selection:	None
Vector:	<u><a href="#">pCMV6-XL5</a></u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>NCBI ORF sequence for NM_032738, the custom clone sequence may differ by one or more nucleotides

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ATGTTGAAGAAAATCAGTGTGGGGTTGCAGGAGACCTAAACACAGTCACCATGAAGCTGGGCTGTGTCC
TCATGGCCTGGGCCCTCTACCTTTCCCTTGGTGTGCTCTGGTGGCCAGATGCTACTGGCTGCCAGTTT
TGAGACGCTGCAGTGTGAGGGACCTGTCTGCACTGAGGAGAGCAGCTGCCACACGGAGGATGACTTGACT
GATGCAAGGGAAGCTGGCTTCCAGGTCAAGGCCTACACTTTCAAGTGAACCTTCCACCTGATTGTGTCT
ATGACTGGCTGATCCTCCAAGGTCCAGCCAAGCCAGTTTTTGAAGGGGACCTGCTGGTTCTGCGCTGCC
GGCCTGGCAAGACTGGCCACTGACTCAGGTGACCTTCTACCGAGATGGCTCAGCTCTGGTCCCCCGGG
CCTAACAGGGAATTCTCCATCACCGTGGTACAAAAGGCAGACAGCGGGCACTACCACTGCAGTGGCATCT
TCCAGAGCCCTGGTCTGGGATCCCAGAAACAGCATCTGTTGTGGCTATCACAGTCCAAGAAGTGTTC
AGCGCCAATTCTCAGAGCTGTACCTCAGCTGAACCCCAAGCAGGAAGCCCCATGACCTGAGTTGTGAG
ACAAAGTTGCCCTGCAGAGGTGAGTGGCCGCTCCTCTTCTCCTTCTACAAGGATGGAAGGATAGTGC
AAAGCAGGGGGCTCTCCTCAGAAATCCAGATCCCACAGCTTTCAGAAATCACTCCGGGTCACTAGGTG
TGAGGCAGCCACTGAGGACAACCAAGTTTGAAGCAGAGCCCCAGCTAGAGATCAGAGTGCAGGGTGTCT
TCCAGCTCTGCTGCACCTCCCACATTGAATCCAGCTCCTCAGAAATCAGCTGCTCCAGGAAGTGTCTCTG
AGGAGGCCCTGGGCTCTGCTCCGCCCAACCCATCTTCTGAGGATCCAGGCTTTTCTTCTCCTCT
GGGGATGCCAGATCCTCATCTGTATCACCAGATGGGCTTCTTCTCAAACACATGCAGGATGTGAGAGTC
CTCCTCGGTACCTGCTCATGGAGTTGAGGGAATTATCTGGCCACCGGAAGCCTGGGACCACAAAGGCTA
CTGCTGAATAG
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<b>5' Read Nucleotide Sequence:</b>	>OriGene 5' read for NM_032738 unedited ATATTTGTATACGACTACTATAGGGCGGCCGGAATTCGGCACGAGGTAACACAGTCA CCATGAAGCTGGGCTGTGTCTCATGGCCTGGGCCCTCTACCTTTCCCTTGGTGTGCTCT GGGTGGCCAGATGCTACTGGCTGCCAGTTTTGAGACGCTGCAGTGTGAGGGACCTGTCT GCACTGAGGAGAGCAGCTGCCACACGGAGGATGACTTGACTGATGCAAGGGAAGCTGGCT TCCAGGTCAAGGCCTACACTTTTCAGTGAACCTTCCACCTGATTGTGCCTATGACTGGC TGATCCTCCAAGGTCCAGCCAAGCCAGTTTTTGAAGGGGACCTGCTGGTTCTGCGCTGCC AGGCCTGGCAAGACTGGCCACTGACTCAGGTGACCTTCTACCGAGATGGCTCAGCTCTGG GTCCCCCGGGCCTAACAGGGAATTCTCCATCACCGTGGTACAAAAGGCAGACAGCGGGC ACTACCACTGCAGTGGCATCTTCCAGAGCCCTGGTCTGGGATCCAGAAAACAGCATCTG TTGTGGTATCACAGTCCAAGAACTGTTTCCAGCGCCACTTCTCAGAGCTGTACCCTCAG CTGAACCCCAAGCAGGAAGCCCCATGACCCTGAGTTGTCAGACAAAGTTGCCCTGCAGA GGTGAGCTGCCCGCCTTCTTCTCTNTCTACAGGATGGAAGGATAGTGCANAGCAGG GGGCTCTCCTCAGAATCCAGATCCACAGCTTAACTAGTCACTCCNGTCATACTGGTGT GAGGCAGCCACTGAGGACCACCAAGTTTGGAAACAGAGCCCCAGCTAGAGATCAGAGTG CAGGGTGCTTCCAGCTCTGCTGCACCTNCCACATTGNATCCAGCTCTCAGAATCAGCTGC TCCAGGACT
<b>Restriction Sites:</b>	NotI-NotI
<b>ACCN:</b>	NM_032738
<b>Insert Size:</b>	2340 bp
<b>OTI Disclaimer:</b>	Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"> <li>1. Centrifuge at 5,000xg for 5min.</li> <li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li> <li>3. Close the tube and incubate for 10 minutes at room temperature.</li> <li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li> <li>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.</li> </ol>
<b>RefSeq:</b>	<a href="#">NM_032738.3</a> , <a href="#">NP_116127.3</a>
<b>RefSeq Size:</b>	2357 bp
<b>RefSeq ORF:</b>	1131 bp
<b>Locus ID:</b>	84824
<b>UniProt ID:</b>	<a href="#">Q7L513</a>
<b>Cytogenetics:</b>	1q23.3
<b>Domains:</b>	ig, IG
<b>Protein Families:</b>	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]

Transcript Variant: This variant (2) lacks an alternate, in-frame segment, compared to variant 1. The resulting protein (isoform 2) is shorter when it is compared to isoform 1. This variant has also been called FCRLa. Sequence Note: The RefSeq transcript and protein were derived from genomic sequence to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on alignments.