OriGene Technologies, Inc.
9620 Medical Center Drive, Ste 200
Rockville, MD 20850, US
Phone: +1-888-267-4436
https://www.origene.com
techsupport@origene.com
EU: info-de@origene.com
CN: techsupport@origene.cn

Product datasheet for SC336163

FCRL2 (NM_001159488) Human Untagged Clone

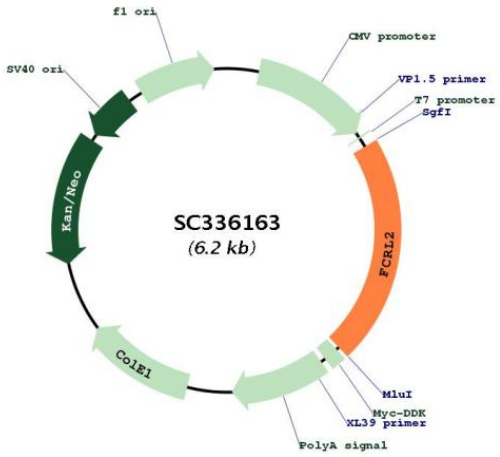
Product data:

Product Type:	Expression Plasmids
Product Name:	FCRL2 (NM_001159488) Human Untagged Clone
Tag:	Tag Free
Symbol:	FCRL2
Synonyms:	CD307b; FCRH2; IFGP4; IRTA4; SPAP1; SPAP1A; SPAP1B; SPAP1C
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC336163 representing NM_001159488. Blue=Insert sequence Red=Cloning site Green=Tag(s) GCTCGTTTAGTGAACCGTCAGAATTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTG GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC ATGCTGCTGTGGTCATTGCTGGTCATCTTTGATGCAGTCACTGAACAGGCAGATTCGCTGACCCTTGTG GCGCCCTCTTCTGTCTTCGAAGGAGACAGCATCGTTCTGAAATGCCAGGGAGAACAGAACTGGAAAATT CAGAAGATGGCTTACCATAAGGATAACAAAGAGTTATCTGTTTTCAAAAAATTCTCAGATTTCCTTATC CAAAGTGCAGTTTTAAGTGACAGTGGTAACTATTTCTGTAGTACCAAAGGACAACTCTTTCTCTGGGAT AAAACTTCAAATATAGTAAAGATAAAAGTCCAAGAGCTCTTTCAACGTCCTGTGCTGACTGCCAGCTCC TTCCAGCCCATCGAAGGGGGTCCAGTGAGCCTGAAATGTGAGACCCGGCTCTCTCCACAGAGGTTGGAT GTTCAACTCCAGTTCTGCTTCTTCAGAGAAAACCAGGTCCTGGGGTCAGGCTGGAGCAGCTCTCCGGAG CTCCAGATTTCTGCCGTGTGGAGTGAAGACACAGGGTCTTACTGGTGCAAGGCAGAAACGGTGACTCAC AGGATCAGAAAACAGAGCCTCCAATCCCAGATTCACGTGCAGAGAATCCCCATCTCTAATGTAAGCTTG GAGATCCGGGCCCCCGGGGGACAGGTGACTGAAGGACAAAAACTGATCCTGCTCTGCTCAGTGGCTGGG GGTACAGGAAATGTCACATTCTCCTGGTACAGAGAGGCCACAGGAACCAGTATGGGAAAGAAAACCCAG CGTTCCCTGTCAGCAGAGCTGGAGATCCCAGCTGTGAAAGAGAGTGATGCCGGCAAATATTACTGTAGA GCTGACAACGGCCATGTGCCTATCCAGAGCAAGGTGGTGAATATCCCTGTGAGAATTCCAGTGTCTCGC CCTGTCCTCACCCTCAGGTCTCCTGGGGCCCAGGCTGCAGTGGGGGACCTGCTGGAGCTTCACTGTGAG GCCCTGAGAGGCTCTCCCCCAATCTTGTACCAATTTTATCATGAGGATGTCACCCTTGGGAACAGCTCG GCCCCCTCTGGAGGAGGGGCCTCCTTCAACCTCTCTTTGACTGCAGAACATTCTGGAAACTACTCCTGT GAGGCCAACAACGGCCTGGGGGCCCAGTGCAGTGAGGCAGTGCCAGTCTCCATCTCAGGACCTGATGGC TATAGAAGAGACCTCATGACAGCTGGAGTTCTCTGGGGACTGTTTGGTGTCCTTGGTTTCACTGGTGTT GCTTTGCTGTTGTATGCCTTGTTCCACAAGATATCAGGAGAAAGTTCTGCCACTAATGAACCCAGGACT CCCAAGTCATCTACTCTTCTGTGA ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC

View online »

Restriction Sites: SgfI-MluI

Plasmid Map:



ACCN: NM_001159488

Insert Size: 1335 bp

OTI Disclaimer: 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).

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_001159488.1

RefSeq Size: 2411 bp

RefSeq ORF: 1335 bp

Locus ID: 79368

UniProt ID: Q96LA5

Cytogenetics: 1q23.1

Protein Families: Druggable Genome, Transmembrane

MW:	48.3 kDa
Gene Summary:	This gene encodes a member of the immunoglobulin receptor superfamily and is one of several Fc receptor-like glycoproteins clustered on the long arm of chromosome 1. The encoded protein has four extracellular C2-type immunoglobulin domains, a transmembrane domain and a cytoplasmic domain that contains one immunoreceptor-tyrosine activation motif and two immunoreceptor-tyrosine inhibitory motifs. This protein may be a prognostic marker for chronic lymphocytic leukemia. Alternatively spliced transcript variants have been described, but their biological validity has not been determined. [provided by RefSeq, Apr 2009] Transcript Variant: This variant (2) lacks three alternate exons in the 3' coding region, which results in a frameshift, compared to variant 1. The encoded isoform (2) has a distinct C-terminus and is shorter than isoform 1.