

## Product datasheet for SC326929

### FCRL1 (NM\_001159397) Human Untagged Clone

#### Product data:

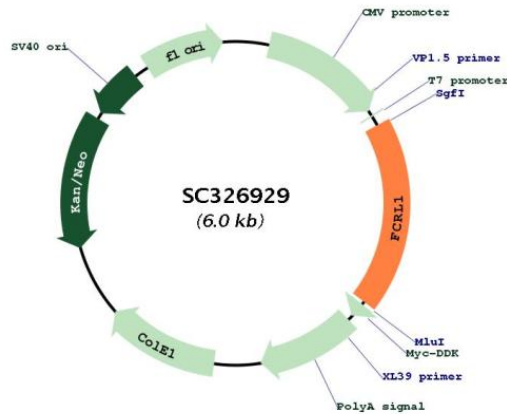
Product Type:	Expression Plasmids
Product Name:	FCRL1 (NM_001159397) Human Untagged Clone
Tag:	Tag Free
Symbol:	FCRL1
Synonyms:	CD307a; FCRH1; IFGP1; IRTA5
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC326929 representing NM_001159397. Blue=Insert sequence Red=Cloning site Green=Tag(s)

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GCTCGTTTGTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGCTGCCGAGGCTGTTGCTGTTGATCTGTGCTCCACTCTGTGAACCTGCCGAGCTGTTTTGATAGCC
AGCCCCCTCCACACAGAGGGGAGCCAGTGACCCTGACGTGTAAGATGCCCTTTCTACAGAGTTCA
GATGCCAGTTCAGTTCTGCTTTTTTCAGAGACACCCGGCCCTGGGCCAGGCTGGAGCAGCTCCCC
AAGCTCCAGATCGCTGCCATGTGAAAGAAGACACAGGGTCATACTGGTGCAGGCACAGACAATGGCG
TCCAAAGTCTTGAGGAGCAGGAGATCCAGATAAATGTGCACAGGGTCCCTGTCGCTGATGTGAGCTTG
GAGACTCAGCCCCAGGAGGACAGGTGATGGAGGGAGACAGGCTGGTCCCTCATCTGCTCAGTTGCTATG
GGCACAGGAGACATCACCTTCCTTTGGTACAAAGGGGCTGTAGGTTTAAACCTTCAGTCAAAGACCCAG
CGTTCACTGACAGCAGAGTATGAGATTCCTTCAGTGAGGGAGAGTGTGCTGAGCAATTTACTGTGTA
GCTGAAAATGGCTATGGTCCCAGCCCCAGTGGGCTGGTGGAGTCACTGTGAGCAATCCCAGTGTCTCGC
CCAATCCTCATGCTCAGGGCTCCCAGGGCCAGGCTGCAGTGGAGGATGTGCTGGAGCTTCACTGTGAG
GCCCTGAGAGGCTCTCCTCCGATCCTGTACTGTTTTATCACGAGGATATCACCTGGGGAGCAGGTCG
GCCCTCTGGAGGAGGACCTCCTTCAACCTTCCCTGACTGAAGAATTTCTGAAACTACTCCTGT
GAGGCCAACAAATGGCTGGGGGCCAGCGCAGTGAGCGGTGACACTCACTTACAGGAAGACGTTCA
GCCAGGATCCACTCAGGAGCCTCCCAGCCCTACCCCAAGAGTTACCTCACTCACTCACCTACCTACC
CCAGGGCAGCTACAGCCTATATATGAAAATGAACCAAGAGAACAATCAGTGGCTGTGCATGGCAGACAA
CAGCATTCTCAGAGCAGAAGGCTCAGAAAACCTGGGGACACATATGGAGGACAAGGTTTCTTAG
ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC
```

Restriction Sites: SgfI-MluI



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**Plasmid Map:**


**ACCN:** NM\_001159397

**Insert Size:** 1101 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).

**OTI Annotation:** This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.

**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\\_001159397.1](#)

**RefSeq Size:** 2989 bp

**RefSeq ORF:** 1101 bp

**Locus ID:** 115350

UniProt ID: [Q96LA6](#)

Cytogenetics: 1q23.1

Protein Families: Transmembrane

MW: 40.4 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 contains three extracellular C2-like immunoglobulin domains, a transmembrane domain and a cytoplasmic domain with two immunoreceptor-tyrosine activation motifs. This protein may play a role in the regulation of cancer cell growth. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Apr 2009]  
Transcript Variant: This variant (2) uses an alternate exon in the 3' coding region compared to variant 1, that results in a frameshift. This variant encodes isoform 2, which is shorter and has a distinct C-terminus compared to isoform 1.