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Product datasheet for SC123097

FCRL1 (NM_052938) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	FCRL1 (NM_052938) Human Untagged Clone
Tag:	Tag Free
Symbol:	FCRL1
Synonyms:	CD307a; FCRH1; IFGP1; IRTA5
Mammalian Cell Selection:	None
Vector:	pCMV6-XL5
E. coli Selection:	Ampicillin (100 ug/mL)

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Fully Sequenced ORF:

>OriGene sequence for NM_052938 edited
ACTCTGAGGTGCATTCTTTTTTTGATGAGAGGCATCTCTAGGTACCATCCCTGACCTGGT
CCTCATGCTGCCGAGGCTGTTGCTGTTGATCTGTGCTCCACTCTGTGAACCTGCCGAGCT
GTTTTTGATAGCCAGCCCCTCCCATCCCACAGAGGGGAGCCCAGTGACCCTGACGTGTAA
GATGCCCTTTCTACAGAGTTCAGATGCCCAGTTCCAGTTCTGCTTTTTCAGAGACACCCG
GGCCTTGGGCCCAGGCTGGAGCAGCTCCCCCAAGCTCCAGATCGCTGCCATGTGGAAAGA
AGACACAGGGTCATACTGGTGCGAGGCACAGACAATGGCGTCCAAAGTCTTGAGGAGCAG
GAGATCCCAGATAAATGTGCACAGGGTCCCTGTCGCTGATGTGAGCTTGGAGACTCAGCC
CCCAGGAGGACAGGTGATGGAGGGAGACAGGCTGGTCCTCATCTGCTCAGTTGCTATGGG
CACAGGAGACATCACCTTCCTTTGGTACAAAGGGGCTGTAGGTTTAAACCTTCAGTCAAA
GACCCAGCGTTCACTGACAGCAGAGTATGAGATTCCTTCAGTGAGGGAGAGTGATGCTGA
GCAATATTACTGTGTAGCTGAAAATGGCTATGGTCCCAGCCCCAGTGGGCTGGTGAGCAT
CACTGTCAGAATCCCGGTGTCTCGCCCAATCCTCATGCTCAGGGCTCCCAGGGCCCAGGC
TGCAGTGGAGGATGTGCTGGAGCTTCACTGTGAGGCCCTGAGAGGCTCTCCTCCGATCCT
GTACTGGTTTTATCACGAGGATATCACCCTGGGGAGCAGGTCGGCCCCCTCTGGAGGAGG
AGCCTCCTTCAACCTTTCCCTGACTGAAGAACATTCTGGAAACTACTCCTGTGAGGCCAA
CAATGGCCTGGGGGCCCAGCGCAGTGAGGCGGTGACACTCAACTTCACAGTGCCTACTGG
GGCCAGAAGCAATCATCTTACCTCAGGAGTCATTGAGGGGCTGCTCAGCACCCTTGGTCC
AGCCACCGTGGCCTTATTATTTTGCTACGGCCTCAAAAGAAAAATAGGAAGACGTTCAGC
CAGGGATCCACTCAGGAGCCTTCCCAGCCCTCTACCCCAAGAGTTCACCTACCTCAACTC
ACCTACCCCAGGGCAGCTACAGCCTATATATGAAAATGTGAATGTTGTAAGTGGGGATGA
GGTTTATTCACTGGCGTACTATAACCAGCCGGAGCAGGAATCAGTAGCAGCAGAAACCCT
GGGGACACATATGGAGGACAAGGTTTCCTTAGACATCTATTCCAGGCTGAGGAAAGCAAA
CATTACAGATGTGGACTATGAAGATGCTATGTAAGGTTATGGAAGATTCTGCTCTTTGAA
AACCATCCATGACCCCAAGCCTCAGGCCTGATATGTTCTTCAGAGATCCTGGGGCATTAG
CTTTCCAGTATACCTCTTCTGGATGCCATTCTCCATGGCACTATTCCTTCATCTACTGTG
AAGTGAAGTTGGCGCAGCCCTGAAGAAACTACCTAGGAGAACTAATAGACACAGGAGTGA
CAGGGACTTTGTTATCAGAACCAGATTCCTGCCGGCTCCTTTGAAAACAGGTCATATTGT
GCTCTTCTGTTTACAAGAGGAAACAAGATGGAATAAAAGAAATTGGGATCTTGGGTTGGA
GGGACAGTGAAGCTTAGAGCACATGAACTCAAGGTTAGTGACTCTGCAGGACTTCACAGA
GAGAGCTGTGCCCATCATTCAGTCCAAGTGCTTTCTCTGCCCAGACAGCACAGAACTCCA
GCCCCGCTACTTACATGGATCATCGAGTTTCCACCTAAAATATGATTCTATTTATTTTGA
GTCACTGTTACCAAATTAGAACTAAAACAAAGTTACATAAAAAGTTATTGTGACTCCACT
TAATTTTAGTGACGTATTTTTGTATATATAGGCCAACCTATACCACATCCAAAATTATGT
ATCTATTACAGCCCCTAGAAGCTTTATAAATACAGTGTGTCTTCTTTTATTCACAAAATT
TTTGAAATCGTGGTAATATGGTTTGAAACCTGTATCTTAATTATTTTTTTTTTAAATTGA
GACAGGGTCTCACTCTGTCACTCAATCTGGAATGCAGTGGCACAATCTTGCCTCACTGCA
ACGCCTGCCTCTCAGGCTCAAGCAAACCTCTCACCTCAGCCTGCTGAGTAGCTGGGACTA
CAGGCACATGCCACCAAACTTGGCCATTTTTTGTCTTACGTAGAGACAAGATTTCACCGT
TTTGCCCAGGCTGGTCTCAAACTCCTGGGCTCAAGCAATGTATTGAATTTTAAAATAACC
AGGCACTCACTCTTATGAATTAATAAACATTTGGAGGTATATAAAGTAAAAAGTTAAAGT
CTTTCCTGTAAGTTAACACAAATGTTAACTATTGTTAAAAACTTTACAGGTAGCTCTCTA
GATATTTTTCTATTTTTGTATGTATACTTATGCATACATGTAAGTATATAAACATTTAGA
AGTGTACCTATCTAACAAACTATTATGAAATACTTTCAAATCTGTAAATAGATCTATTAT
ACTATTTTAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA

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5' Read Nucleotide Sequence:

>OriGene 5' read for NM_052938 unedited
AAGGGCACTGATGATTTGTTATACCACTTCCTATAGGCGGCCGCGCATTCCCGGGATCTC
GACTCTGAGGTGCATTCTTTTTTTGATGAGAGGCATCTCTAGGTACCATCCCTGACCTGG
TCCTCATGCTGCCGAGGCTGTTGCTGTTGATCTGTGCTCCACTCTGTGAACCTGCCGAGC
TGTTTTTGATAGCCAGCCCCTCCCATCCCACAGAGGGGAGCCCAGTGACCCTGACGTGTA
AGATGCCCTTTCTACAGAGTTCAGATGCCCAGTTCCAGTTCTGCTTTTTCAGAGACACCC
GGGCCTTGGGCCCAGGCTGGAGCAGCTCCCCCAAGCTCCAGATCGCTGCCATGTGGAAAG
AAGACACAGGGTCATACTGGTGCGAGGCACAGACAATGGCGTCCAAAGTCTTGAGGAGCA
GGAGATCCCAGATAAATGTGCACAGGGTCCCTGTCGCTGATGTGAGCTTGGAGACTCAGC
CCCCATGAGGACAGGTGATGGAGGGAGACAGGCTGGTCCTCATCTGCTCAGTTGCTATGG
GCACAGGAGACATCACCTTCCTTTGGTACAAAGGGGCTGTAGGTTTAAACCTTCAGTCAA
AGACCCAGCGTTCACTGACAGCAGAGTATGAGATTCCTTCAGTGAGGGATAGTGATGCTG
AGCATATTACTGGGTAGCCTGAAAGGGCTATGGTCCCAGCCCCAGTGGGCTGGTGATCAT
CACTGTCAGAATCCCGGTGTCTCGCCCAATCTCATGCCTAAGGCTCCCAGGGCCCAGGCT
GCATTGGAGGATGTGCTGGAGCTTCACTGGGAAGCCCTGAAAAGGCTCTCCCCCGATCCT
GTACCGGTTTATCACGGGGGTTTACCCCTGGGGACAGGTCGGCCCCCTCTGGAGG

Restriction Sites: Please inquire

ACCN: NM_052938

Insert Size: 2627 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_052938.3, NP_443170.1

RefSeq Size: 2627 bp

RefSeq ORF: 1290 bp

Locus ID: 115350

UniProt ID: Q96LA6

Cytogenetics: 1q23.1

Protein Families: Transmembrane

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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 (1) represents the longest transcript and encodes the longest isoform (1).

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