

Product datasheet for **RC228891**

FCRL1 (NM_001159398) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	FCRL1 (NM_001159398) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	FCRL1
Synonyms:	CD307a; FCRH1; IFGP1; IRTA5
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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ORF Nucleotide Sequence:

>RC228891 representing NM_001159398
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCCGCATCGCC

ATGCTGCCGAGGCTGTTGCTGTTGATCTGTGCTCCACTCTGTGAACCTGCCGAGCTGTTTTGATAGCCA
 GCCCTCCCATCCCACAGAGGGGAGCCAGTGACCCTGACGTGTAAGATGCCCTTTCTACAGAGTTCAGA
 TGCCAGTTCCAGTTCTGCTTTTTCAGAGACACCCGGCCTTGGGCCAGGCTGGAGCAGCTCCCCAAG
 CTCAGATCGCTGCCATGTGAAAGAAGACACAGGGTCATACTGGTGCAGGCACAGACAATGGCGTCCA
 AAGTCTTGAGGAGCAGGAGATCCAGATAAATGTGCACAGGGTCCCTGTCGCTGATGTGAGCTTGGAGAC
 TCAGCCCCCAGGAGGACAGGTGATGGAGGGAGACAGGCTGGTCCCTCATCTGCTCAGTTGCTATGGGCACA
 GGAGACATCACCTTCTTTGGTACAAAGGGGCTGTAGGTTAAACCTTCAGTCAAAGACCCAGCGTTTAC
 TGACAGCAGAGTATGAGATTCCTTCAGTGAGGGAGAGTGTGCTGAGCAATATTACTGTGTAGTGAAAA
 TGCTATGGTCCCAGCCCAGTGGGCTGGTGGAGCATCACTGTGAGCAATCCCGGTGTCTCGCCCAATCCTC
 ATGCTCAGGGCTCCCAGGGCCCAGGCTGCAGTGGAGGATGTGCTGGAGCTTCACTGTGAGGCCCTGAGAG
 GCTCTCCTCCGATCCTGTACTGGTTTTATCACGAGGATATCACCTGGGGAGCAGGTCGGCCCCCTCTGG
 AGGAGGAGCCTCCTTCAACCTTTCCCTGACTGAAGAACATTCTGGAACTACTCCTGTGAGGCCAACAAAT
 GGCTGGGGGCCAGCGCAGTGAGGCGGTGACACTCAACTTCACAGTGCCTACTGGGGCCAGAAGCAATC
 ATCTTACCTCAGGAGTCATTGAGGGGCTGCTCAGCACCCTTGGTCCAGCCACCGTGGCCTTATTATTTTG
 CTACGGCTCAAAGAAAAATAGGAAGACGTTCCAGCCAGGGATCCACTCAGGAGCCTTCCAGCCCTCTA
 CCCAAGAGTTTACCTACCTCACTCACCTACCCAGGGCAGCTACAGCCTATATATGAAATGTGAATG
 TTGTAAGTGGGGATGAGGTTTATTCACTGGCGTACTATAACCAGCCGGAGCAGGAATCAGTAGCAGAAAC
 CCTGGGGACACATATGGAGGACAAGGTTTCCTTAGACATCTATTCCAGGCTGAGGAAAGCAACATTACA
 GATGTGGACTATGAAGATGCTATG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC228891 representing NM_001159398
 Red=Cloning site Green=Tags(s)

MLPRLLLIICAPLCEPAELFLIASPSHPTTEGSPVTLTCKMPFLQSSDAQFQFCFFRDTRALGPGWSSSPK
 LQIAAMWKEDTGSYWCEAQTMSKVLRSRRSQINVHRVPVADVLETQPPGGQVMEDRLVLICSVAMGT
 GDITFLWYKGAVLNLQSKTQRSLTAEYEIPSVRESDAEQYYCAENGYGSPSGLVITVRIPVSRPIL
 MLRAPRAQAAVEDVLELHCEALRGSPPILYWFYHEDITLGSRSAPSGGGASFNLSTEEHSGNYSCEANN
 GLGAQRSEAVTLNFTVPTGARSNHLTSGVIEGLLSTLGPATVALLFCYGLKRKIGRRSARDPLRSLPSP
 PQEFTYLNSTPQQLQPIYENVNVVSGDEVYSLAYYNQPEQESVAETLGTHMEDKVSLDIYSRLRKANIT
 DVDYEDAM

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites:

SgfI-MluI

Cloning Scheme:

Cloning sites used for ORF Shutting:



* The last codon before the Stop codon of the ORF

ACCN: NM_001159398

ORF Size: 1284 bp

OTI Disclaimer: The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)
OTI Annotation: This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

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_001159398.2](#)
RefSeq Size: 3113 bp

RefSeq ORF: 1287 bp

Locus ID: 115350

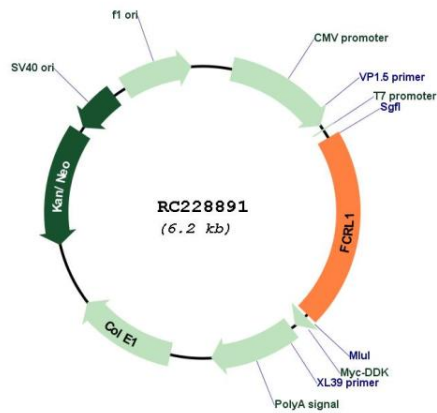
UniProt ID: [Q96LA6](#)
Cytogenetics: 1q23.1

Protein Families: Transmembrane

MW: 46.9 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]

Product images:



Circular map for RC228891