

Product datasheet for **RG238269**

FCRL2 (NM_001159488) Human Tagged ORF Clone

Product data:

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|---------------------------|--|
| Product Type: | Expression Plasmids |
| Product Name: | FCRL2 (NM_001159488) Human Tagged ORF Clone |
| Tag: | TurboGFP |
| Symbol: | FCRL2 |
| Synonyms: | CD307b; FCRH2; IFGP4; IRTA4; SPAP1; SPAP1A; SPAP1B; SPAP1C |
| Mammalian Cell Selection: | Neomycin |
| Vector: | pCMV6-AC-GFP (PS100010) |
| E. coli Selection: | Ampicillin (100 ug/mL) |
| ORF Nucleotide Sequence: | >RG238269 representing NM_001159488. Blue=ORF Red=Cloning site Green=Tag(s) |

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GCTCGTTTGTAGTAACCGTCAGAATTTGTAAACGACTACTATAGGGCGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGCTGCTGTGGTCATTGCTGGTCATCTTTGATGCAGTCACTGAACAGGCAGATTCGCTGACCCTTGTG
GCGCCCTCTTCTGTCTTGAAGGAGACAGCATCGTTCTGAAATGCCAGGGAGAACAGAATCGAAATTT
CAGAAGATGGCTTACCATAAGGATAACAAAGAGTTATCTGTTTTCAAAAATTCAGATTTCTTATC
CAAAGTGCAGTTTTAAGTACAGTGGTAACTATTTCTGTAGTACCAAAGGACAACCTTTCTCTGGGAT
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TTCCAGCCATCGAAGGGGTCCAGTGAAGTGAATGTGAGACCCGGCTCTCTCCAGAGGTTGGAT
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CTCCAGATTTCTGCCGTGTGGAGTGAAGACACAGGGTCTTACTGGTGCAAGGCAGAAACGGTGACTCAC
AGGATCAGAAAACAGAGCCTCCAATCCCAGATTCACGTGCAGAGAATCCCATCTCTAATGTAAGCTTG
GAGATCCGGGCCCCGGGGGACAGGTGACTGAAGGACAAAACACTGATCCTGCTCTGCTCAGTGGCTGGG
GGTACAGGAAATGTCACATTTCTCTGGTACAGAGAGGCCACAGGAACAGTATGGGAAAGAAAACCCAG
CGTTCCCTGTGAGCAGAGCTGGAGATCCAGCTGTGAAAGAGAGTGTGACCGGCAATATTACTGTAGA
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CCTGCTCACCCTCAGGTCTCCTGGGGCCAGGCTGCAGTGGGGACCTGTGGAGCTTCACTGTGAG
GCCCTGAGAGGCTCTCCCCAATCTTGTACCAATTTTATCATGAGGATGTACCCTTGGGAACAGCTCG
GCCCCCTCTGGAGGAGGGCCTCCTTCAACCTCTCTTTGACTGCAGAACATTCTGAAAACACTCTCTGT
GAGGCCAACACGGCCTGGGGGCCAGTGCAGTGAAGCAGTGCCAGTCTCCATCTCAGGACCTGATGGC
TATAGAAGAGACCTCATGACAGCTGGAGTTCTCTGGGACTGTTTGGTGTCTTGGTTTCACTGGTGT
GCTTTGCTGTTGTATGCCTTGTCCACAAGATATCAGGAGAAAGTTCTGCCACTAATGAACCCAGGAT
CCCAAGTCATCTACTCTTCTG
ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTAAAC
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Protein Sequence: >Peptide sequence encoded by RG238269
 Blue=ORF Red=Cloning site Green=Tag(s)

MLLWSLLVIFDAVTEQADSLTLVAPSSVFEGDSIVLKCQGEQNWIKQKMAVHKDNKELSVFKKFSDFLI
 QSAVLSDSGNVFCSTKQQLFLWDKTSNIVKIKVQELFQRPVLTASSFQPIEGGPVSLKCETRLSPQRLD
 VQLQFCFFRENQVLGSGWSSPELQISAVWSEDTGSYWCKAETVTHRIRKQLSQIHVQRIPISNVSL
 EIRAPGGQVTEGQKILLCSVAGGTGNVTFSWYREATGTSMGKKTQRSLSAELEIPAVKESDAGKYCR
 ADNGHVP IQSKVYVNI PVRI PVSRPVLTLRSPGAQAAVGDLELHCEALRGSPPILYQFYHEDVTLGNSS
 APSGGGASFNL SLTAEHSGNYSCEANGLGAQCSEAVPVSISGPDGYRRDLMTAGVLWGLFGVLGFTGV
 ALLLYALFHKISGESSATNEPRTPKSSTLL
 TRTRPLEMESDESGLPAMEIECRITGTLNGVEFELVGGGEGTPEQGRMTNKMSTKGALTFSPYLLSHV
 MGYGFYHFGTYPSTYENPFLHAINNGGYNTRIEKYEDGGVLHVSFSYRYEAGRVIGDFKVMGTGFPED
 SVIFTDKIIRSNATVEHLHPMGDNDLDGSFTRTFLRDGGYSSVVD SHMHFKSAIHPSILQNGGPMFA
 FRRVEEDHSNTELGIVEYQHAFKTPDADAGEERV

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_001159488

ORF Size: 1332 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).

RefSeq: [NM_001159488.2](#)

RefSeq Size: 2411 bp
 RefSeq ORF: 1335 bp

Locus ID: 79368

UniProt ID: [Q96LA5](#)

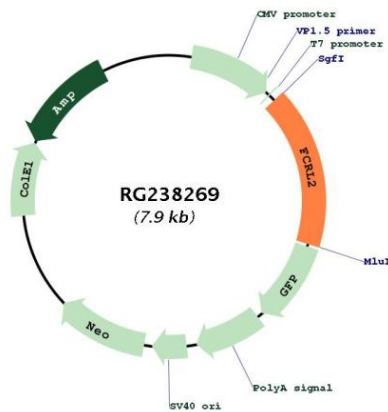
Cytogenetics: 1q23.1

Protein Families: Druggable Genome, Transmembrane

MW: 48.8 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]

Product images:



Circular map for RG238269