

Product datasheet for **SC328473**

FCRLM1 (FCRLA) (NM_001184867) Human Untagged Clone

Product data:

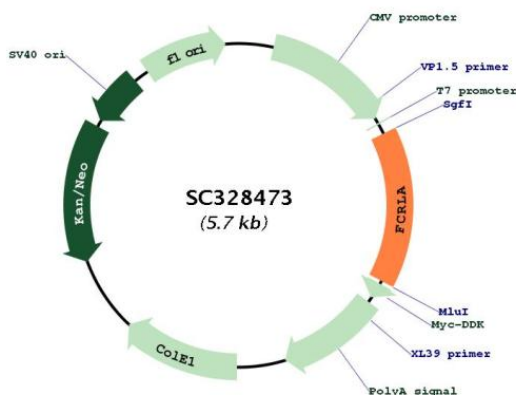
Product Type:	Expression Plasmids
Product Name:	FCRLM1 (FCRLA) (NM_001184867) Human Untagged Clone
Tag:	Tag Free
Symbol:	FCRLA
Synonyms:	FCRL; FCRL1; FCRLb; FCRLc1; FCRLc2; FCRLd; FCRLe; FCRLM1; FCRLX; FCRX; FREQ
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC328473 representing NM_001184867. Blue=Insert sequence Red=Cloning site Green=Tag(s)

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GCTCGTTTGTGAAACCGTCAGAATTTGTAAATACGACTACTATAGGGCGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGTTGAAGAAAATCAGTGTGGGGTTCAGGAGACCTAAACACAGTCACCATGAAGCTGGGCTGTGTC
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TTTGAGACGCTGCAGTGTGAGGGACCTGTCTGCACTGAGGAGAGCAGCTGCCACACGGAGGATGACTTG
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GCTGCTCCAGGAACTGCTCCTGAGGAGGCCCTGGGCCTCTGCCTCCGCCCAACCCCATCTTCTGAG
GATCCAGGCTTTTCTTCTCCTCTGGGATGCCAGATCCTCATCTGTATCACCAGATGGGCCTTCTTCTC
AAACACATGCAGGATGTGAGAGTCTCCTCGGTACCTGCTCATGGAGTTGAGGGAATTATCTGGCCAC
CGAAGCCTGGGACCACAAGGCTACTGCTGAA TAG
ACGCGTACGCGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGCGC
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Restriction Sites: SgfI-MluI



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Plasmid Map:


ACCN: NM_001184867

Insert Size: 864 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_001184867.1](#)

RefSeq Size: 2090 bp

RefSeq ORF: 864 bp

Locus ID:	84824
UniProt ID:	Q7L513
Cytogenetics:	1q23.3
Protein Families:	Secreted Protein, Transmembrane
MW:	31 kDa
Gene Summary:	<p>This gene encodes a protein similar to receptors for the Fc fragment of gamma immunoglobulin (IgG). These receptors, referred to as FCGRs, mediate the destruction of IgG-coated antigens and of cells induced by antibodies. This encoded protein is selectively expressed in B cells, and may be involved in their development. This protein may also be involved in the development of lymphomas. Multiple alternatively spliced transcript variants that encode different protein isoforms have been described for this gene. [provided by RefSeq, Aug 2011]</p> <p>Transcript Variant: This variant (3) lacks two alternate, in-frame segments, compared to variant 1. The resulting protein (isoform 3) is shorter when it is compared to isoform 1. This variant has also been called FCRLb. Sequence Note: The RefSeq transcript and protein were derived from genomic sequence to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on alignments.</p>