

Product datasheet for **RC237415**

FCRLB (NM_001288829) Human Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: FCRLB (NM_001288829) Human Tagged ORF Clone
Tag: Myc-DDK
Symbol: FCRLB
Synonyms: FCRL2; FCRLM2; FCRLY; FcRY; FREB-2; FREB2
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
ORF Nucleotide Sequence: >RC237415 representing NM_001288829
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGTGGCCACTGACAGCCCTTCTGCTCCTGGTTCCAAGCAGTGGGCAAGCTGCTACTCTGGAGAAGCCCA
TATTGTCTCTACATCCACCTTGGACCACCATCTCAAAGGGGAGCGGGTAACTTTGAAGTGTGATGGATA
CCACCCACTGCTCCTGGAGCTCCAGCCATCAGCACTCTCTGGTATTTGGGCCACCTACTTCTGCCCTCT
CACAAGAAGAGCATTGAGGTGCAGACACCAGGGGTGTATCGATGCCAGACACGGGGAGCACCCGTCAGTG
ACCCCATCCACCTCTCTGTATCCAATGATTGGCTGATTCTGCAAGTGCCCTATGCCCCAGTGTTCGAGGG
TGAGCCGCTAGTCTGCGCTGCCGCGGCTGGTACGACAAGGTGGTCTACAAGCTTCACTACTACCACGAC
GGCCAGGCCGTGCGCTACTTCCACTCCAGCGCCAACTACACTGTGTTACAGGCGCGTCCAGCGACAGCG
GGCGCTACCAGTGTCCGGCACCATGCGCATCCCGGTGGAGAGCGCGCCATGTTCTCCGCTAAGGTGGC
TGTGACAGTGCAAGCCGCGCGGTGCGCCGCTTCGACTGGGGCGCCGAGTACACAGTCCCGGAGCCCGAGG
TCGAGGAGCTCGAATCGTACTGGTGCAGGCGGCTACCGCCACCCGAGTGTCCGAAACGAGTCCGCTG
GCTGCAGTCCCGGGCCGGGTTCTCCCTGGACCCGGCTCCACCACCCAGCTCCATGGGCCGCA
GCCTTGGCTCCTGGTAATAGGCCGCTTTCCTTCAGAAAGCCCGGTGTCAGATCGGTCCCGTTGGTCA
CCTCCGTCGGAACACCCTCCACCGGCTGCAGTTCGCGGCGAGCGGCCCGCCGACTGCGGGGCCACC
CGCTGCGCTCCGCCGACGCCCTTGAACAATCGGCTGGAGCCC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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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:	<ol style="list-style-type: none">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_001288829.1 , NP_001275758.1
RefSeq Size:	1654 bp
RefSeq ORF:	957 bp
Locus ID:	127943
UniProt ID:	Q6BAA4
Cytogenetics:	1q23.3
MW:	35.7 kDa
Gene Summary:	FCRL2 belongs to the Fc receptor family. Fc receptors are involved in phagocytosis, antibody-dependent cell cytotoxicity, immediate hypersensitivity, and transcytosis of immunoglobulins via their ability to bind immunoglobulin (Ig) constant regions (Chikaev et al., 2005 [PubMed 15676285]).[supplied by OMIM, Mar 2008]