

Product datasheet for **SC300475**

FCRLB (NM_001002901) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	FCRLB (NM_001002901) Human Untagged Clone
Tag:	Tag Free
Symbol:	FCRLB
Synonyms:	FCRL2; FCRLM2; FCRLY; FcRY; FREB-2; FREB2
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >OriGene sequence for NM_001002901 edited
 GGGCCAGTACATCTACGTATTAGTCATCGCTATTACCAGGGTGATGCGGTTTTGGCCAGT
 ACACCAATGTGCCGTGTATAGCGGTTTGACTCACGGGATTTCCAAGTCTCCAGCCCCAT
 TGACGTCAATGGGAGTTTGTGGTGGCCACAAAATCAACGGGACTTACAAAATGTCGTAA
 TAACGCCGCTCCGTTGACGCAAATGGGCGGTAGGCGTGTACGGTGGGAGGTCTATAAAG
 CAGAGCTCGTTTGTGTAACCGTCAGAATTTGTAAACGACTCACTATAGGGCGGAGAGA
 ATTATGTGGCCACTGACAGCCCTTCTGCTCCTGGTTCCAAGCAGTGGCAAGCTGCTAC
 TCTGGAGAAGCCATATTGTCTCTACATCCACCTTGGACCACCTCTTCAAAGGGGAGCG
 GGTAACCTTTGAAGTGTGATGGATACCACCCACTGCTCCTGGAGCTCCAGCCCATCAGCAC
 TCTCTGGTATTTGGGCCACTACTTCTGCCCTCTCACAAGAAGAGCATTGAGGTGCAGAC
 ACCAGGGGTGTATCGATGCCAGACACGGGGAGCACCCGTCAGTGACCCCATCCACCTCTC
 TGTATCCAATGATTGGCTGATTCTGCAAGTGCCCTATGCGCCAGTGTTCGAGGGTGAGCC
 GCTAGTCTGCGCTGCCGCGCTGGTACGACAAGGTGGTCTACAAGCTTCACTACTACCA
 CGACGGCCAGGCCGTGCGCTACTTCCACTCCAGCGCCAACTACACTGTGTACAGGCGCG
 TGCCAGCGACAGCGGGCGCTACCAGTGTCTGGGACCATGCGCATCCCGTGGAGAGCGC
 GCCCATGTTCTCCGCTAAGGTGGCTGTGACAGTGAAGAGCTGTTCCGGGCGCCGGTGT
 GAGGGTGTGGTCCGCGGGAGGCCCGCGGCGCGCTGGTGGGGTGGTGTGCTGCGCTG
 CGACACGCGCCTGCACCCGAGAAGCGCGACACGCCGCTGCAGTTCGCGTTTTACAAGTA
 CAGCCGCGCGGTGCGCCGCTTCTGACTGGGGCGCCGAGTACACAGTCCCGGAGCCGAGGT
 CGAGGAGCTCGAATCGTACTGGTGCAGGCGGCTACCGCCACCCGAGTGTCCGGAAACG
 CAGTCCGTGGCTGCAGCTCCCGGGCGGGTCTCCCTGGACCCGGCCTCCACCACCGC
 CCCAGTCCATGGGCCGAGCCTTGGCTCCTGGTAATAGGCCGCTTTCCTTCAGAAAGCC
 CCCGGTGTCCAGATCGGTCCCGTGGTCACTCCGTCCGGAACACCACCTCCACCAGGGCT
 GCAGTTCGCGGAGCGCGCCCGACTGCGGGGCCACCCGCTGCGCTCCGCGGACGCC
 CTTGGAACAATCGCTGGAGCCCTGAAACCCGACGTGGACCTTCTGCTCCGAGAAATGCA
 GCTGCTCAAAGGCCTTCTGAGCCGGTGGTCTGGAATTAAGGAGCCACAGGCCCTCCG
 GGAGCTCAGGGGAACGCCCGAGACCCCCACCTCTCACTTTGCTGTGAGCCGGGAACCC
 AGAGACCACTCTGTGGAGAGCTGACTCGAGGCGTATCG

5' Read Nucleotide Sequence: >OriGene 5' read for NM_001002901 unedited
 NGCTGCGTACTAAGACCGGGTGTGCGCAGGTGTCCCGCCTGGGAGCGCCCGCTGTAGG
 TGGCCACGCGCCTGTCAACACAGTCGTAGTTGGAAGCTGGGAATGAGAAGTAGTGTCTAC
 GGTTCGTGGTGCCTGCTGGTAGTACTGAAGCTTCGCATACCAGCTTGTAGTTACCATCCG
 CTGCAGCTCGGACTAGCGGCTTACCCTAACACTGGCGCTTAGGGCACTTGCACAATG
 CAGCCAATTCATTGGATGACATATAGGTGGATGGGGTCACTCGACTGGTGTCTCCCGTGT
 CTGGGATCTATTCACACCTTGGTGTCTGCACCTCAATGCTTCTTGTGAGAGGGCAAAA
 TTATGTGGCCCAAATACCAGAAGTGTGATGGGCTGGAGCTCCAAGAGCAGTGGTGGTA
 TCCATCACACTTCAAAGTTACCCGCTCCCTTTGAAGATGGTGGTCCAAGGTGGATGTAG
 AGACAATATGGGCTTCTCCAGAGTAGCAGCTTGCCCACTGCTTGAACCCAGGAGCAGAAG
 GGCTGTGAGTGGCCACATGAATTCGCGGCCGCCCTATAGTGTGATCGTATTACAAAATTCT
 GACGGTCACTAAACGAGCTCTGCTTATATAGACCTCCACCGTACACGCTACCGCCCA
 TTTGCGTCAACGGAGCGGCTTATTACGACATTTGGTAAGTCCCGTTGATTTTGGTGCC
 AAAACAACTCCATTGACGTCAATGGGCTGGAGACTGGAAATCCCGTGTGAGTCAAAC
 CGCTATACAGGCACATTGGTGTACTGGCCAAAACCGCATCACCTGGTAATAGCGATGA
 CTAATACGTAGATGTACTGGCCC

Restriction Sites: Please inquire
ACCN: NM_001002901

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:	The open reading frame of this TrueClone was fully sequenced and found to be a perfect match to the protein associated to this reference.
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:	<u>NM_001002901.2, NP_001002901.1</u>
RefSeq Size:	1794 bp
RefSeq ORF:	1281 bp
Locus ID:	127943
UniProt ID:	<u>Q6BAA4</u>
Cytogenetics:	1q23.3
Gene Summary:	<p>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]</p> <p>Transcript Variant: This variant (1, also known as hFCRL2a) represents the longest transcript and encodes the longest isoform (1). Variants 1 and 6 encode the same isoform (1).</p>