

## Product datasheet for **SC305326**

### FCRL4 (NM\_031282) Human Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	FCRL4 (NM_031282) Human Untagged Clone
Tag:	Tag Free
Symbol:	FCRL4
Synonyms:	CD307d; FCRH4; IGFP2; IRTA1
Mammalian Cell Selection:	None
Vector:	<u><a href="#">pCMV6-XL5</a></u>
E. coli Selection:	Ampicillin (100 ug/mL)



[View online »](#)

**Fully Sequenced ORF:** >OriGene sequence for NM\_031282 edited  
 TGGCTTGTCTCCTCAGAACTCCTTCTCCAACCCTGGAGCAGGCTTCCATGCTGCTGTGGG  
 CGTCTTGTGCTGGCCTTTGCTCCAGTCTGTGGACAATCTGCAGCTGCACACAAACCTGTGA  
 TTTCCGTCATCCTCCATGGACCACATTCTTCAAAGGAGAGAGAGTACTGACTGACTTGCA  
 ATGGATTTCACTTCTATGCAACAGAGAAAAACAATGGTATCATCAGCACTACTGGGGAG  
 AAAAGTTGACCCTGACCCAGGAAACACCCTCGAGGTTCCGGAATCTGGACTGTACAGAT  
 GCCAGGCCCGGGCTCCCCACGAAGTAACCCTGTGCGCTTGTCTTTTCTCAGACTCCT  
 TAATCCTGCAGGCACCATATTCTGTGTTTGAAGGTGACACATTGGTTCTGAGATGCCACA  
 GAAGAAGGAAAGAGAAATTGACTGCTGTGAAATATACTTGAATGGAAACATTCTTTCCA  
 TTTCTAATAAAAAGCTGGGATCTTCTTATCCCACAAGCAAGTTCAAATAACAATGGCAATT  
 ATCGATGCATTGGATATGGAGATGAGAATGATGATTTAGATCAAATTTCAAATAAATTA  
 AAATTCAGAACTATTTCCACATCCAGAGCTGAAAGCTACAGACTCTCAGCCTACAGAGG  
 GGAATTCGTAACCTGAGCTGTGAAACACAGCTTCTCCAGAGCGGTGAGACACCCAC  
 TTCACTTCAACTTCTCAGAGATGGCGAGGTATCCTGTCAGACTGGAGCACGTACCCGG  
 AACTCCAGCTCCAACCCTGAGAGAGAAAACCTCAGGATCCTATTGGTGTGGTGTGAAA  
 CAGTGAGGGGTAACATCCACAAGCACAGTCCCTCGCTACAGATCCATGTGCAGCGGATCC  
 CTGTGTCTGGGGTCTCCTGGAGACCCAGCCCTCAGGGGGCCAGGCTGTTGAAGGGGAGA  
 TGCTGGTCTTGTCTGCTCCGTGGCTGAAGGCACAGGGGATACCACATTCTCTGGCACC  
 GAGAGGACATGCAGGAGAGTCTGGGGAGGAAAACCTCAGCGTTCCTGAGAGCAGAGCTGG  
 AGCTCCCTGCCATCAGACAGAGCCATGCAGGGGATACTACTGTACAGCAGACAACAGCT  
 ACGGCCCTGTCCAGAGCATGGTGTGAATGTACTGTGAGAGAGACCCAGGCAACAGAG  
 ATGGCCTTGTCCCGCGGGAGCCACTGGAGGGCTGCTCAGTGTCTTCTCCTGGCTGTGG  
 CCCTGTGTTTCACTGCTGGCGTCCGAGGAAGTCAAGAGTTGGTTTCTTGGGAGACGAAA  
 CCAGGCTCCCTCCGCTCCAGGCCAGGAGAGTCTCCATTCCATCTGCCCTGCCCAGG  
 TGGAGCTTCAGTCGTTGTATGTTGATGTACACCCAAAAAGGGAGATTTGGTATACTCTG  
 AGATCCAGACTACTCAGCTGGGAGAAGAAGAGGAAGCTAATACCTCCAGGACACTTCTAG  
 AGGATAAGGATGTCTCAGTTGTCTACTCTGAGGTAAGACACAACACCCAGATAACTCAG  
 CTGAAAAGATCAGCTCTAAGGATGAAGAAAGTTAAGAGAATGAAAAGTTACGAGAACGTC  
 CTACTCATGTGATTTCTCCCTTGTCCAAAGTCC

**5' Read Nucleotide Sequence:** >OriGene 5' read for NM\_031282 unedited  
 NNNNTTTGGGGGAGTTACATTTGTATAACGACTCACTATAGGCGGCCGCGATTCCGCCCT  
 TTGGCTTGTCTCCTCANAACTCCTTCTCCAACCCTGGAACAGGCTTCCATGCTGTGTGG  
 GCGTCTTGTGCTGGCCTTTGCTCCAGTCTGTGGACAATCTGCAGCTGCACACAAACCTGTG  
 ATTTCCGTCATCCTCCATGGACCACATTCTTCANAGGAGAGAGAGTACTGACTTGC  
 AATGGATTTCACTTCTATGCAACAGAGAAAAACAATGGTATCATCAGCACTACTGGGGA  
 GAAAAGTTGACCCTGACCCAGGAAACACCCTCGAGGTTCCGGAATCTGGACTGTACAGA  
 TGCCAGGCCCGNGCTCCCCACGAAGTAACCCTGTGCGCTTGTCTTTTCTCAGACTCC  
 TTAATCCTGCANGCACCATATTCTGTGTTTGAAGGTGACACATTNGGTTCTGAGATGCCA  
 CAGAAGAAAGAAAGAGAAAATGACTGCTGTGAAATATACTTGAATGGAAACATTCTTTN  
 CATTTCTAATAAAAAGCTGGGATCTTNNCTATCCACAAGCAAGTTCAAATAACATGGGCA  
 TTTATCGATGCATTTGGATATGGAGATGAGAATGATGATTTAGATCAAATTTCAAATA  
 ATTAATAATTCAGGAATATTTCCCATCCAGAAGCTGAAAGCTACAGACTCTCAAGCCTA  
 CAGAAGGGGAATCCTGTAACCTGAGCTGGTGAACAAAGCTTCTTCAAACCGGTTCA  
 GACCCCCACCTTACCTTAAATTTTTTAAAAGATGGCAAGGTATCCTGGCAAACTGA  
 AGCCCTTTCCGGGAAACTCCATTTCCAACCTTTTTTGAAGAAAAACTCAGGAACCCAT  
 TTGGGGGGGGGGCCAGA

<b>3' Read Nucleotide Sequence:</b>	>OriGene 3' read for NM_031282 unedited GNGNGAGCACTTGGGNAGGGTCACAGGGATGCCACCCGGGCACTGTTTCAGGAAACAGCT ATTGACCCGCGCCGAATCTAGAGTCGACAAGCTTGATATCGGTACCAGATCTGAATTCG CCCTTGGACTTTTGGACAAGGGGAGAAATCACATGAGTTAGGACGTTCTCGTAACTTTTC ATTCTCTTAACTTTCTTCATCCTTAGAGCTGATCTTCCAGCTGAGTTATCTGGGTGTTG TGCTTTACCTCAGAGTAGACAACACTGAGACATCCTTATCCTCTAGAAGTGTCTGNAGGT ATTAGCTTCTCTTCTTCTCCAGCTGAGTAGTCTGGATCTCAGAGTATACCANATCTCCC TTTTTGGNGTGTACATCAACATANCACGACTGAAGCTCCACCTGNGCAGGGCAGATGGAA TGGGAGGACTCTCTGGGCTGNNAAGCGGAGGAGCCTGNTTTCTCTCCAGAAACCACTN CTGACTTCTCGACGCAGCAGTGAACAGCAGGCACAGCCAGGAGAGAGCACTGAGCAGC CTTCAGTGGCTTCCGCGCAGCAGGCCATCTCTGTTGCCTGGGTCTCTCTACATGACAT TCAGCACTTGCTTTGGAAGGGCCGTCGTTGGCTGCTGGACAGTATTTCCCCCTGCTG GCTCTGTCTGATAGCAGGGAGCTCCGTTTTGCTTTAAGGAACGCTGAGTTTTCTCCCA AACTTTCTGGATTGTCTTCGGGGCCCGAAAAGTGGGGTCCCGGGCCCTTTCGCCCGG GACAAAAAGGGACCGNTTTTTCCCTTTAAAAACCCTGGCCCTGAGAGGGTGGTTTCCCA G
<b>Restriction Sites:</b>	Please inquire
<b>ACCN:</b>	NM_031282
<b>Insert Size:</b>	1600 bp
<b>OTI Disclaimer:</b>	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).
<b>OTI Annotation:</b>	There are 1 nucleotide differences between the OriGene clone and the NCBI reference ORF. OriGene considers these to be polymorphisms and to reflect the natural differences between individuals. These result in the substitution of 1 amino acid.
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"> <li>1. Centrifuge at 5,000xg for 5min.</li> <li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li> <li>3. Close the tube and incubate for 10 minutes at room temperature.</li> <li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li> <li>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.</li> </ol>
<b>RefSeq:</b>	<a href="#">NM_031282.1</a> , <a href="#">NP_112572.1</a>
<b>RefSeq Size:</b>	3459 bp
<b>RefSeq ORF:</b>	1548 bp
<b>Locus ID:</b>	83417
<b>UniProt ID:</b>	<a href="#">Q96PJ5</a>
<b>Cytogenetics:</b>	1q23.1

**Protein Families:** Transmembrane

**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 three immune-receptor tyrosine-based inhibitory motifs. This protein may play a role in the function of memory B-cells in the epithelia. Aberrations in the chromosomal region encoding this gene are associated with non-Hodgkin lymphoma and multiple myeloma. [provided by RefSeq, Apr 2009]