

## Product datasheet for **SC303389**

### IL1RL2 (NM\_003854) Human Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	IL1RL2 (NM_003854) Human Untagged Clone
Tag:	Tag Free
Symbol:	IL1RL2
Synonyms:	IL-1Rrp2; IL-36R; IL1R-rp2; IL1RRP2
Mammalian Cell Selection:	None
Vector:	<u><a href="#">pCMV6-XL5</a></u>
E. coli Selection:	Ampicillin (100 ug/mL)



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**Fully Sequenced ORF:** >OriGene sequence for NM\_003854 edited  
 ATGTGGTCCTTGCTGCTCTGCGGGTTGCCATCGCCCTTCCACTGTCTGTACAGCAGAT  
 GGATGCAAGGACATTTTTATGAAAAATGAGATACTTTCAGCAAGCCAGCCTTTTGCTTTT  
 AATTGTACATTCCTCCCATAACATCTGGGGAAGTCAGTGAACATGGTATAAAAATTCT  
 AGCAAAATCCCAGTGTCCAAAATCATACAGTCTAGAATTCACCAGGACGAGACTTGGATT  
 TTGTTTCTCCCCATGGAATGGGGGACTCAGGAGTCTACCAATGTGTTATAAAGGGTAGA  
 GACAGCTGTATAGAATACATGTAACCTAACTGTTTTTGA AAAACATTGGTGTGACACT  
 TCCATAGGTGGTTTACCAAATTTATCAGATGAGTACAAGCAAATATTACATCTTGAAAA  
 GATGATAGTCTCACATGTCATCTGCACTTCCCGAAGAGTTGTGTTTTGGGTCCAATAAAG  
 TGGTATAAGGACTGTAACGAGATTAAAGGGGAGCGGTTCACTGTTTTGAAACCAGGCTT  
 TTGGTGAGCAATGTCTCGGCAGAGGACAGAGGAACTACGCGTGTCAAGCCATACTGACA  
 CACTCAGGGAAGCAGTACGAGGTTTTAAATGGCATCACTGTGAGCATTACAGAAAGAGCT  
 GGATATGGAGGAAGTGTCCCTAAAATCATTTATCCAAAAATCATTCAATTGAAGTACAG  
 CTTGGTACCCTCTGATTGTGGACTGCAATGTAACAGACACCAAGGATAATACAAATCTA  
 CGATGCTGGAGAGTCAATAACACTTTGGTGGATGATTACTATGATGAATCCAAACGAATC  
 AGAGAAGGGGTGAAACCCATGTCTCTTTTCGGGAACATAATTTGTACACAGTAAACATC  
 ACCTTCTTGAAGTGA AAAATGGAAGATTATGGCCTTCTTTCATGTGCCACGCTGGAGTG  
 TCCACAGCATACATTATATTACAGCTCCCAGCTCCGGATTTTCGAGCTTACTTGATAGGA  
 GGGCTTATCGCCTTGGTGGCTGTGGCTGTGCTGTTGTGTACATATAACAATTTTTAAG  
 ATCGACATTGTTCTTTGGTATCGAAGTGCCTTCCATTCTACAGAGACCATAGTAGATGGG  
 AAGCTGTATGACGCCTATGTCTTATACCCCAAGCCCCACAAGGAAAGCCAGAGGCATGCC  
 GTGGATGCCCTGGTGTGAATATCTGCCCCGAGGTGTTGGAGAGACAATGTGGATATAAG  
 TTGTTTATATTCGCGCAGAGATGAATTCCTGGACAAGCCGTGGCCAATGCATCGATGAA  
 AACGTTAAGCTGTGCAGGAGGCTGATTGTCATTGTGGTCCCGAATCGCTGGGCTTTGGC  
 CTGTTGAAGAACCTGTCAAGAAGAACAATCGCGGTCTACAGTGCCTGATCCAGGACGGG  
 ATGAAGGTTATTCTCATTGAGCTGGAGAAAATCGAGGACTACACAGTCATGCCAGAGTCA  
 ATTCAGTACATCAAACAGAAGCATGGTGCCATCCGGTGGCATGGGGACTTCACGGAGCAG  
 TCACAGTGTATGAAGACCAAGTTTTGGAAGACAGTGAATACCACATGCCGCCAGAAAGG  
 TGTCGGCCGTTTCTCCGGTCCAGCTGCTGCAGCACACACCTTGCTACCGCACCGCAGGC  
 CCAGAACTAGGCTCAAGAAGAAAGAAGTACTCTCACGACTGGCTAA

**Restriction Sites:** Please inquire

**ACCN:** NM\_003854

**Insert Size:** 1700 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).

<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_003854.2</a> , <a href="#">NP_003845.2</a>
<b>RefSeq Size:</b>	1964 bp
<b>RefSeq ORF:</b>	1728 bp
<b>Locus ID:</b>	8808
<b>UniProt ID:</b>	<a href="#">Q9HB29</a>
<b>Cytogenetics:</b>	2q12.1
<b>Protein Families:</b>	Druggable Genome, Transmembrane
<b>Gene Summary:</b>	<p>The protein encoded by this gene is a member of the interleukin 1 receptor family. An experiment with transient gene expression demonstrated that this receptor was incapable of binding to interleukin 1 alpha and interleukin 1 beta with high affinity. This gene and four other interleukin 1 receptor family genes, including interleukin 1 receptor, type I (IL1R1), interleukin 1 receptor, type II (IL1R2), interleukin 1 receptor-like 1 (IL1RL1), and interleukin 18 receptor 1 (IL18R1), form a cytokine receptor gene cluster in a region mapped to chromosome 2q12. [provided by RefSeq, Jul 2008]</p> <p>Transcript Variant: This variant (1), as well as variant 2, encodes the longest isoform (a).</p>