

## Product datasheet for **SC314707**

### **IL17RC (NM\_153461) Human Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	IL17RC (NM_153461) Human Untagged Clone
Tag:	Tag Free
Symbol:	IL17RC
Synonyms:	CANDF9; IL17-RL; IL17RL
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\_153461 edited  
 GACTCCCAGGACAGAGAGTGCACAACTACCCAGCACAGCCCCCTCCGCCCTCTGGAG  
 GCTGAAGAGGGATTCCAGCCCCTGCCACCCACAGACACGGGTGACTGGGGTGTCTGCC  
 CCCTTGGGGGGGGCAGCACAGGGCCTCAGGCCTGGGTGCCACCTGGCACCTAGAAGATG  
 CCTGTGCCCTGGTTCTTGTCTCCTTGGCACTGGGCCGAAGCCAGTGGTCTTTCTCTG  
 GAGAGGCTTGTGGGGCCTCAGGACGCTACCCACTGCTCTCCGGTGAGTCTGGAACCTGG  
 GGAGACGAGGAAAGGCTCAGGGTTCAGTTTTGGCTCAGCAAAGCCTTAGCCTGGCTCT  
 GCACTGCTGCCACTGCCAGAAGTCCCTGTCTGGTCTGTCTGGTCTGATGGTAGAAGA  
 GAAGAACGGGGAAGGGCAAGAGCTGGGTCTGTCTTTCTCTGGGAGGTCTGGGAATACG  
 GAGCCCCAGAAAAAGGGCCTCTCCTGCCCTCTGGGACAGTGACATACTCTGCCTGCCT  
 GGGGACATCGTGCCTGCTCCGGGCCCGTCTGGCGCCTACGCACCTGCAGACAGAGCTG  
 GTGCTGAGGTGCCAGAAGGAGACCGACTGTGACCTCTGTCTGCGTGTGGCTGTCCACTTG  
 GCCGTGCATGGGCACTGGGAAGAGCCTGAAGATGAGGAAAAGTTGGAGGAGCAGCTGAC  
 TCAGGGGTGGAGGAGCCTAGGAATGCCTCTCTCCAGGCCAAGTCGTGCTCTCCTCCAG  
 GCCTACCTACTGCCCGTGCCTCTGCTGGAGGTGCAAGTGCCTGCTGCCCTTGTGCAG  
 TTTGGTCACTGTGGGCTCTGTGGTATATGACTGCTTCGAGGCTGCCCTAGGGAGTGAG  
 GTACGAATCTGGTCTATACTCAGCCCAGGTACGAGAAGGAACTCAACCACACAGCAG  
 CTGCCTGACTGCAGGGGGCTCGAAGTCTGGAACAGCATCCCGAGCTGCTGGGCCCTGCC  
 TGGCTCAACGTGTGAGCAGATGGTGACAACGTGCATCTGGTTCTGAATGTCTCTGAGGAG  
 CAGCACTTCGGCCTCTCCTGTACTGGAATCAGGTCCAGGGCCCCCAAAACCCCGGTGG  
 CAAAAAACCTGACTGGACCGCAGATCATTACCTGAACCACACAGACCTGGTCCCTGC  
 CTCTGTATTAGTGTGGCCTCTGGAACCTGACTCCGTTAGGACGAACATCTGCCCTTC  
 AGGGAGACCCCGCGCACACCAGAACCCTGGCAAGCCCGCCGACTGCGACTGCTGACC  
 CTGCAGAGCTGGCTGCTGGACGCACCGTCTGCTGCCCGCAGAAGCGGCACTGTGCTGG  
 CGGGCTCCGGGTGGGACCCCTGCCAGCACTGGTCCCACCGCTTCTGGGAGAAGCTC  
 ACTGTGGACAAGTTCTCGAGTCCCATGCTGAAAGGCCACCCTAACCTCTGTGTTTCA  
 GTGAACAGCTCGGAGAAGCTGCAGCTGCAGGAGTCTTGTGGGCTGACTCCCTGGGGCT  
 CTCAAAGACGATGTGCTACTGTTGGAGACAGAGGCCCCAGGACAACAGATCCCTCTGT  
 GCCTTGAACCCAGTGGCTGTACTTCACTACCCAGCAAAGCTCCACGAGGGCAGCTCGC  
 CTTGGAGAGTACTTACTACAAGACCTGCAGTCAAGCCAGTGTCTGCAGCTATGGGACGAT  
 GACTTGGGAGCGCTATGGCCTGCCCATGGACAATACATCCACAAGCGCTGGGCCCTC  
 GTGTGGCTGGCCTGCCTACTCTTTGCCGCTGCGCTTCCCTCATCTCCTTCTCAAAAAG  
 GATCACGCGAAAGGGTGGCTGAGGCTCTTGAACAGGACGTCGCTCGGGGGCGGGCC  
 AGGGGCCGCGCGGCTCTGCTCCTACTCAGCCGATGACTCGGGTTTCGAGCGCCTGGT  
 GGGCCCTGGCGTCCGGCCTGTGCCAGCTGCCGCTGCCGCTGGCCGTAGACCTGTGGAGC  
 CGTCGTGAACTGAGCGCGCAGGGGCCGTGGCTTGGTTTACGCGCAGCGGCGCCAGACC  
 CTGCAGGAGGGCGCGTGGTGGTCTTCTCTCCCGGTGCGGTGGCGCTGTGCAGC  
 GAGTGGCTACAGGATGGGGTGTCCGGCCCGGGGCGCACGGCCCGCACGACGCTTCCG  
 GCCTCGCTCAGTGCCTGCTGCCGACTTCTTGCAGGGCCGGGCGCCCGCAGCTACGTG  
 GGGCCTGCTTCGACAGGCTGCTCCACCCGACGCGTACCCGCCCTTTTCCGACCGTG  
 CCCGTCTTCACTGCCCTCCCAACTGCCAGACTTCTGGGGCCCTGCAGCAGCCTCGC  
 GCCCGCGTTCCGGGCGGCTCCAAGAGAGAGCGGAGCAAGTGTCCGGGCCCTTCAAGCA  
 GCCCTGGATAGCTACTTCCATCCCCGGGACTCCCGCGCGGGACGCGGGGTGGGACCA  
 GGGGCGGGACCTGGGGCGGGGACGGGACTTAAATAAAGGCAGACGCT

**Restriction Sites:** Please inquire  
**ACCN:** NM\_153461  
**Insert Size:** 2600 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>	It is not a variant.
<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_153461.1</a> , <a href="#">NP_703191.1</a>
<b>RefSeq Size:</b>	2691 bp
<b>RefSeq ORF:</b>	2376 bp
<b>Locus ID:</b>	84818
<b>UniProt ID:</b>	<a href="#">Q8NAC3</a>
<b>Cytogenetics:</b>	3p25.3-p24.1
<b>Protein Families:</b>	Druggable Genome, Transmembrane
<b>Gene Summary:</b>	<p>This gene encodes a single-pass type I membrane protein that shares similarity with the interleukin-17 receptor (IL-17RA). Unlike IL-17RA, which is predominantly expressed in hemopoietic cells, and binds with high affinity to only IL-17A, this protein is expressed in nonhemopoietic tissues, and binds both IL-17A and IL-17F with similar affinities. The proinflammatory cytokines, IL-17A and IL-17F, have been implicated in the progression of inflammatory and autoimmune diseases. Multiple alternatively spliced transcript variants encoding different isoforms have been detected for this gene, and it has been proposed that soluble, secreted proteins lacking transmembrane and intracellular domains may function as extracellular antagonists to cytokine signaling. [provided by RefSeq, Feb 2011]</p> <p>Transcript Variant: This variant (2) uses an alternate donor splice site at the 5' terminal coding exon compared to variant 1, resulting in a longer isoform (2) containing an additional protein segment compared to isoform 1.</p>