

Product datasheet for **SC314533**

IL17RC (NM_153460) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	IL17RC (NM_153460) Human Untagged Clone
Tag:	Tag Free
Symbol:	IL17RC
Synonyms:	CANDF9; IL17-RL; IL17RL
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL6</u>
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >OriGene sequence for NM_153460 edited
 CTCCGCCCTCTGGAGGCTGAAGAGGGATTCCAGCCCCTGCCACCCACAGACACGGGCT
 GACTGGGGTGTCTGCCCCCTTGGGGGGGGCAGCACAGGGCCTCAGGCCTGGGTGCCAC
 CTGGCACCTAGAAGATGCCTGTGCCCTGGTTCTTGCTGTCTTGGCACTGGGCCGAAGCC
 CAGTGGTCCTTTCTCTGGAGAGGCTTGTGGGCCCTCAGGACGCTACCCACTGCTCTCCGG
 GCCTCTCTGCCGCTCTGGGACAGTGACATACTCTGCCTGCCTGGGACATCGTGCCTG
 CTCGGGGCCCCGTGTGGCGCTACGCACCTGCAGACAGAGCTGGTGTGAGGTGCCAGA
 AGGAGACCGACTGTGACCTCTGTCTGCGTGTGGCTGTCCACTTGGCCGTGCATGGGCACT
 GGAAGAGCCTGAAGATGAGGAAAAGTTTGGAGGAGCAGCTGACTCAGGGGTGGAGGAGC
 CTAGGAATGCCTCTCTCCAGGCCAAGTCGTGCTCTCCTTCCAGGCCTACCCACTGCC
 GCTGCGTCTGTGGAGGTGCAAGTGCCTGCTGCCCTTGTGAGTTTGGTCAGTCTGTGG
 GCTCTGTGGTATATGACTGCTTCGAGGCTGCCCTAGGGAGTGAGGTACGAATCTGGTCT
 ATACTCAGCCAGGTACGAGAAGGAACTCAACCACACACAGCAGTGCCTGACTGCAGGG
 GGCTCGAAGTCTGGAACAGCATCCCGAGCTGCTGGGCCCTGCCCTGGCTCAACGTGTGAG
 CAGATGGTGACAACGTGCATCTGGTTCTGAATGTCTCTGAGGAGCAGCACTTCGGCTCT
 CCCTGTACTGGAATCAGTCCAGGGCCCCAAAACCCCGGTGGCACAAAACCTGACTG
 GACCGCAGATCATTACCTTGAACCACACAGACCTGGTTCCTGCCTCTGTATTACAGTGT
 GGCTCTGGAACCTGACTCCGTTAGGACGAACATCTGCCCTTACGGGAGGACCCCCGG
 CACACCAGAACCTCTGGCAAGCCGCCGACTGCGACTGCTGACCTGCAGAGCTGGCTGC
 TGGACGCACCGTCTCGTGCCTGCCCCGAGAAGCGGCACTGTGCTGGCGGGCTCCGGTGGG
 ACCCTGCCAGCCACTGGTCCCACCGCTTCTGGGAGAACGTCAGTGTGACAAGGTTT
 TCGAGTCCCATTGCTGAAAGGCCACCCTAACCTCTGTGTTTCAAGTGAACAGCTCGGAGA
 AGCTGCAGCTGCAGGAGTCTTGTGGGCTGACTCCCTGGGGCCTCTCAAAGACAGTGTGC
 TACTGTTGGAGACACAGGCCCCCAGGACAACAGATCCCTCTGTGCCTTGAACCCAGTG
 GCTGTACTTCACTACCCAGCAAAGCCTCCACGAGGGCAGCTCGCCTTGGAGAGTACTTAC
 TACAAGACCTGCAGTCAGGCCAGTGTCTGCAGCTATGGGACGATGACTTGGGAGCGCTAT
 GGGCCTGCCCCATGGACAATAACATCCACAAGCGCTGGGCCCTCGTGTGGCTGGCCTGCC
 TACTCTTTGCCGCTGCGCTTCCCTCATCTCTTCTCAAAAAGGATCACGCGAAAGGGT
 GGCTGAGGCTCTTGAACAGGACGTCGCTCGGGGGCGGCCAGGGGCCGCGGGCTC
 TGCTCCTCTACTCAGCCGATGACTCGGGTTTCGAGCGCCTGGTGGGCGCCCTGGCGTCGG
 CCCTGTGCCAGCTGCCGCTGCGCTGGCCGTAGACCTGTGGAGCCGTCTGAACTGAGCG
 CGCAGGGGCCCGTGGCTTGGTTTACGCGCAGCGCGCCAGACCTGCAGGAGGGCGGGC
 TGGTGGTCTTGCTCTTCTCTCCCGTGGCGTGGCGCTGTGCAGCGAGTGGCTACAGGATG
 GGGTGTCCGGGCCGGGGCGCACGGCCCGCACGACGCCTTCCGCGCTCGCTCAGCTGCG
 TGCTGCCCGACTTCTTGCAGGGCCGGGCGCCCGGAGCTACGTGGGGGCTGCTTCGACA
 GGCTGTCCACCCGACGCCGTACCCGCCCTTTCCGCACCGTGGCCGTCTTACACTGC
 CCTCCAACTGCCAGACTTCTGGGGGCCCTGCAGCAGCTCGCGCCCGCGTTCGGGGC
 GGCTCCAAGAGAGCGGAGCAAGTGTCCCGGGCCCTTACGCCAGCCCTGGATAGCTACT
 TCCATCCCCGGGGACTCCCGCGCGGGACCGGGGTGGGACCAGGGGCGGGACCTGGGG
 CGGGGACGGGACTTAAATAAAGGCAGACGCTGTTTTTCAAAAAAAAAAAAAAAAAAAAA
 AAAA

Restriction Sites: Please inquire

ACCN: NM_153460

Insert Size: 2300 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).
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_153460.1 , NP_703190.1
RefSeq Size:	2478 bp
RefSeq ORF:	2163 bp
Locus ID:	84818
UniProt ID:	Q8NAC3
Cytogenetics:	3p25.3-p24.1
Protein Families:	Druggable Genome, Transmembrane
Gene Summary:	<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 (1) represents the predominant transcript containing all the coding exons, and encodes isoform 1 (also known as IL-17RCFL).</p>