

Product datasheet for **SC313912**

IL17RC (NM_032732) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	IL17RC (NM_032732) Human Untagged Clone
Tag:	Tag Free
Symbol:	IL17RC
Synonyms:	CANDF9; IL17-RL; IL17RL
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_032732 edited
 GGACTCCCAGGACAGAGAGTGCACAACTACCCAGCACAGCCCCCTCCGCCCTCTGGA
 GGCTGAAGAGGGATTCCAGCCCCGCCACCCACAGACACGGGCTGACTGGGGTGTCTGCC
 CCCCTTGGGGGGGGCAGCACAGGGCCTCAGGCCTGGGTGCCACCTGGCACCTAGAAGAT
 GCCTGTGCCCTGGTTCTTGCTGTCTTGGCACTGGGCCGAAGCCAGTGGTCCTTTCTCT
 GGAGAGGCTTGTGGGGCCTCAGGACGCTACCCACTGCTCTCCGGGCCTCTCTGCCGCCT
 CTGGGACAGTGACATACTCTGCCTGCCTGGGGACATCGTGCCTGCTCCGGGCCCTGCT
 GGCGCCTACGCACCTGCAGACAGAGCTGGTGTGAGGTGCCAGAAGGAGACCGACTGTGA
 CCTCTGTCTGCGTGTGGCTGTCCACTTGGCCGTGCATGGGCACTGGGAAGAGCCTGAAGA
 TGAGGAAAAGTTTGGAGGAGCAGCTGACTCAGGGGTGGAGGAGCCTAGGAATGCCTCTCT
 CCAGGCCCAAGTCGTGCTCTCTTCCAGGCCTACCCTACTGCCCGCTGCGTCTGCTGGA
 GGTGCAAGTGCCTGCTGCCCTTGTGCAGTTTGGTCAGTCTGTGGGCTCTGTGGTATATGA
 CTGCTTCGAGGCTGCCCTAGGGAGTGAGGTACGAATCTGGTCTATACTCAGCCCAGGTA
 CGAGAAGGAACTCAACCACACACAGCAGCTGCCTGCCCTGCCCTGGCTCAACGTGTCAGC
 AGATGGTGACAACGTGCATCTGGTTCTGAATGTCTCTGAGGAGCAGCACTTCGGCCTCTC
 CCTGTACTGGAATCAGGTCCAGGGCCCCCAAAACCCCGTGGCACAAAACCTGACTGG
 ACCGCAGATCATTACCTGAACCACACAGACCTGGTCCCTGCCTCTGTATTAGGTGTG
 GCCTCTGGAACCTGACTCCGTTAGGACGAACATCTGCCCTTCAGGGAGGACCCCGCGC
 ACACCAGAACCTCTGGCAAGCCGCCGACTGCGACTGCTGACCCTGCAGAGCTGGCTGCT
 GGACGCACCGTGTCTGCTGCCCGCAGAAGCGGCACTGTGCTGGCGGGCTCCGGGTGGGA
 CCCCTGCCAGCCACTGGTCCCACCGCTTCTGGGAGAACGTCAGTGTGGACAAGTTCT
 CGAGTCCCATTGCTGAAAGGCCACCCTAACCTCTGTGTTGAGGTGAACAGCTCGGAGAA
 GCGACTGCAGGAGTCTTGTGGGCTGACTCCCTGGGGCCTCTCAAAGACGATGTGCT
 ACTGTTGGAGACACGAGGCCCCAGGACAACAGATCCCTCTGTGCTTGAACCCAGTGG
 CTGTACTTCACTACCCAGCAAAGCCTCCACGAGGGCAGCTCGCCTTGGAGAGTACTACT
 ACAAGACCTGCAGTCAGGCCAGTGTCTGCAGCTATGGGACGATGACTTGGGAGCGTATG
 GGCCTGCCCATGGACAAATACATCCACAAGCGCTGGGCCCTCGTGTGGCTGGCTGCCT
 ACTCTTTGCCGCTGCGCTTCCCTCATCCTCTCTCAAAAAGGATCACGCGAAAGGGTG
 GCTGAGGCTCTTGAACAGGACGTCGCTCGGGGGCGGCCAGGGGCCGCGCGCTCT
 GCTCCTTACTCAGCCGATGACTCGGGTTTCGAGCGCCTGGTGGGCGCCCTGGCGTCGGC
 CCTGTGCCAGCTGCCGCTGCGCGTGGCCGTAGACCTGTGGAGCCGTCGTGAAGTACGCGC
 GCAGGGGCCCGTGGCTTGGTTTACGCGCAGCGCGCCAGACCCTGCAGGAGGGCGGCGT
 GGTGGTCTTGTCTTCTCTCCCGGTGCGGTGGCGCTGTGACGAGTGGCTACAGGATGG
 GGTGTCCGGGCCCGGGCGCACGGCCCGCACGACGCTTCCGCGCCTCGCTCAGCTGCGT
 GCTGCCGACTTCTTGCAGGGCCGGGCGCCCGGACGCTACGTGGGGGCTGCTTCGACAG
 GCTGCTCCACCCGGACGCCGTACCCGCCCTTTCCGCACCGTGCCTGCTTACACTGCC
 CTCCAACTGCCAGACTTCTGGGGCCCTGCAGCAGCTCGGCCCCCGCTTCCGGGCG
 GCTCCAAGAGAGCGGAGCAAGTGTCCGGGCCCTTCCAGCCAGCCCTGGATAGCTACTT
 CCATCCCCGGGGACTCCCGCGCCGGGACGCGGGGTGGGACCAGGGGCCGGACCTGGGGC
 GGGGACGGGACTTAAATAAAGGCAGACGCTGTTTTCTACCCAAAAAAAAAAAAAAAAAAA
 AAA

Restriction Sites: Please inquire

ACCN: NM_032732

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:	The ORF of this clone has been fully sequenced and found to be a perfect match to NM_032732.2.
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_032732.2</u> , <u>NP_116121.1</u>
RefSeq Size:	2527 bp
RefSeq ORF:	1617 bp
Locus ID:	84818
UniProt ID:	<u>Q8NAC3</u>
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 (3) lacks an in-frame coding exon (exon 7) compared to variant 1, resulting in a shorter isoform (3, also known as IL-17RCdelta7) missing an internal protein segment compared to isoform 1. It has been reported that isoform lacking exon 7 retains the ability to bind cytokines, IL-17A and IL-17F (PMID:17911633).</p>