

## Product datasheet for **SC337540**

### IL17RA (NM\_001289905) Human Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	IL17RA (NM_001289905) Human Untagged Clone
Tag:	Tag Free
Symbol:	IL17RA
Synonyms:	CANDF5; CD217; CDw217; hIL-17R; IL-17RA; IL17R; IMD51
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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**Fully Sequenced ORF:** >NCBI ORF sequence for NM\_001289905, the custom clone sequence may differ by one or more nucleotides

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ATGGGGGGCCGACGCAGCCCGCGTCCGCTGTCCCGGGGCCCTGCTGGGGCTGCTCCTGCTGCTCCTGG
GCGTGCTGGCCCCGGGTGGCGCCTCCCTGCGACTCCTGGACCACCGGGCGCTGGTCTGCTCCCAGCCGGG
GCTAAACTGCACGGTCAAGAATAGTACCTGCCTGGATGACAGCTGGATTACCCCTCGAAACCTGACCCCC
TCCTCCCCAAAGGACCTGCAGATCCAGCTGCACCTTTGCCACACCCAACAAGGAGACCTGTTCCCGTGG
CTCACATCGAATGGACTGCAGACAGACGCCAGCATCCTGTACCTCGAGGGTGCAGAGTTATCTGTCTCT
GCAGCTGAACACCAATGAACGTTTGTGCGTCAGGTTTGTAGTTTCTGTCCAAACTGAGGCATCACCACAGG
CGGTGGCGTTTTACCTTCAGCCACTTTGTGGTTGACCCTGACCAGGAATATGAGGTGACCGTTACCACCC
TGCCCAAGCCCATCCCTGATGGGACCCAAACCACAGTCCAAGAATTCCTTGTGCTGACTGTGAGCA
CGCCAGGATGAAGTAACCACGCCATGCATGAGCTCAGGCAGCCTGTGGGACCCCAACATCACCCTGGAG
ACCCTGGAGGCCACCAGCTGCGTGTGAGCTTACCCTGTGGAACGAATCTACCATTACCAGATCTGCTG
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AGAAGAGTTCCACCAGCGATCCAACGTCACTACTCTACGCAACCTTAAAGGGTGTCTGTCGCCACCAA
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CACCGATGGCCTGCCTGCGGCTGACCTGATCCCCCACCCTGAAGCCAGGAAGGTCTGGATCATCTAC
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CGGAAGTGGCCCTGGACCTGTGGAAGAGCAGGCCATCTCGGAGGCAGGAGTCAAGACTGGGTGGGCCG
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TGGCAGGCGCTCCTGGCCGGGGGGCGCTGTGCGGCTGCGTGCAGCCAGGAAAGCCCTGGGGGACC
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CTCATGGACAGGTTTCAGGAGGTGACTTCCGCATCCAGGACCTGGAGATGTTCCAGCCGGGCGCATGC
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TGAAGCGGGCGCCCTGGTGCAGGACCTGGCTCCAGGCTGCCTGGCCATAGACCCGCTGGTTCGGGGA
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CTCCACACCCCTGGTGTCTGCGCCGAGAGGAGGGGCCCTGGTGGCCGCGGTGGAGCCTGGGCCCTGGCTG
ACGGTGCAGCAGTCCGGCTGGCACTGGCGGGGAGGGCGAGGCCTGCCCGCTGCTGGGCAGCCCGGGCGC
TGGGCGAAATAGCGTCTCTTCCCTCCCCGTGGACCCCGAGGACTCGCCCTTGGCAGCAGACCCCCATG
GCGTCTCTGACCTCCTTCCAGAGGACGTGAGGGAGCACCTCGAAGGCTTGATGCTCTCGCTCTTCGAGC
AGAGTCTGAGCTGCCAGGCCAGGGGGCTGCAGTAGACCCGCCATGGTCTCACAGACCCACACACGCC
CTACGAGGAGGAGCAGCGGCAGTCACTGACGTCTGACCAGGCTACATCTCCAGGAGTCCCGCAGCCC
CCCGAGGACTCACGAAATGGAGGAAGAGGAGGAAGAGGAGCAGGACCCAGGAAAGCCGGCCCTGCCAC
TCTCTCCCGAGGACCTGGAGAGCCTGAGGAGCCTCCAGCGCAGCTGCTTTCCGCCAGCTGCAGAAGAA
CTCGGGCTGGGACACGATGGGGTCAGAGTCAGAGGGGCCAGTGCATGA
    
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**Restriction Sites:** Sgfl-Mlul

**ACCN:** NM\_001289905

**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).

<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>	<u><a href="#">NM_001289905.1</a></u> , <u><a href="#">NP_001276834.1</a></u>
<b>RefSeq Size:</b>	8506 bp
<b>RefSeq ORF:</b>	2499 bp
<b>Locus ID:</b>	23765
<b>UniProt ID:</b>	<u><a href="#">Q96F46</a></u>
<b>Cytogenetics:</b>	22q11.1
<b>Protein Families:</b>	Druggable Genome, Transmembrane
<b>Protein Pathways:</b>	Cytokine-cytokine receptor interaction
<b>Gene Summary:</b>	<p>Interleukin 17A (IL17A) is a proinflammatory cytokine secreted by activated T-lymphocytes. It is a potent inducer of the maturation of CD34-positive hematopoietic precursors into neutrophils. The transmembrane protein encoded by this gene (interleukin 17A receptor; IL17RA) is a ubiquitous type I membrane glycoprotein that binds with low affinity to interleukin 17A. Interleukin 17A and its receptor play a pathogenic role in many inflammatory and autoimmune diseases such as rheumatoid arthritis. Like other cytokine receptors, this receptor likely has a multimeric structure. Alternative splicing results in multiple transcript variants encoding different isoforms. [provided by RefSeq, Feb 2014]</p> <p>Transcript Variant: This variant (2) lacks an alternate in-frame exon in the coding region, compared to variant 1. It encodes a soluble isoform, isoform 2 which is shorter and lacks a transmembrane region, when compared to isoform 1. Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.</p>