

## Product datasheet for **SC306617**

### IL17RE (NM\_153480) Human Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	IL17RE (NM_153480) Human Untagged Clone
Tag:	Tag Free
Symbol:	IL17RE
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\_153480 edited  
 CAGCAGGAGCCCCTTGTCTTTTCAGGCCATGCAGCCATGTTCCGGGAGCCCTAATTGCACA  
 GAAGCCCATGGGGAGCTCCAGACTGGCAGCCCTGCTCCTGCTCCTCCTCATAGTCAT  
 CGACCTCTCTGACTCTGCTGGGATTGGCTTTCCGCACCTGCCCACTGGAACACCCGCTG  
 TCCTCTGGCCTCCCACACGGATGACAGTTTCACTGGAAGTTCTGCCTATATCCCTTGCCG  
 CACCTGGTGGGCCCTCTTCTCCACAAAGCCTTGGTGTGTGCGAGTCTGGCACTGTTCCCG  
 CTGTTTGTGCCAGCATCTGCTGTCAGGTGGCTCAGGTCTTCAACGGGGCCTCTTCCACCT  
 CCTGGTGCAGAAATCCAAAAAGTCTTCCACATTCAAGTTCTATAGGAGACACAAGATGCC  
 AGCACCTGCTCAGAGGAAGCTGCTGCTCGTCGTACCTGTCTGAGAAGGCCATCACAT  
 TTCCATCCCCTCCCAGACATCTCCACAAGGGACTTCGCTCTAAAAGGACCCAACCTTC  
 GGATCCAGAGACATGGGAAAGTCTTCCAGATTGGACTCACAAGGCATGGAGGACCCGA  
 GTTCTCCTTTGATTTGCTGCCTGAGGCCGGGCTATTCGGGTGACCATATCTTCAGGCC  
 TGAGGTACAGCTGCGTCTTTGTACCAGTGGGCACTGGAGTGTGAAGAGCTGAGCAGTCC  
 CTATGATGTCCAGAAAATGTGTCTGGGGCCACACTGTAGAGCTGCCTTATGAATTCCT  
 TCTGCCCTGTCTGTGCATAGAGGCATCCTACCTGCAAGAGGACACTGTGAGGCGCAAAAA  
 ATGTCCCTTCCAGAGCTGGCCAGAAGCCTATGGCTCGGACTTCTGGAAGTCAGTGCACCT  
 CACTGACTACAGCCAGCACACTCAGATGGTCATGGCCCTGACACTCCGCTGCCCACTGAA  
 GCTGGAAGCTGCCCTCTGCCAGAGGCACGACTGGCATAACCTTTGCAAAGACCTCCCGAA  
 TGCCACAGCTCGAGAGTCAGATGGGTGGTATGTTTTGGAGAAGGTGGACCTGCACCCCA  
 GCTCTGCTTCAAGTTCTCTTTTGGAAACAGCAGCCATGTTGAATGCCCCACCAGACTGG  
 GTCTCTCACATCCTGGAATGTAAGCATGGATACCAAGCCAGCAGCTGATTCTTCACTT  
 CTCCTCAAGAATGCATGCCACCTTCAGTGTCTGCCTGGAGCCTCCAGGCTTGGGGCAGGA  
 CACTTTGGTCCCCCGGTACACTGTACAGCCAGGCCGGGGCTCAAGCCAGTGTCACT  
 AGACCTCATCATTCCCTTCTGAGGCCAGGGTGTGTGTCTGTTGGTGGCGGTGAGATGT  
 CCAAGTTTGCCTGGAAGCACCTCTTGTGTCCGGATGTCTTACAGACACCTGGGGCTCTT  
 GATCCTGGCACTGCTGGCCCTCCTCACCTACTGGGTGTTGTTCTGGCCCTCACCTGCCG  
 GCGCCACAGTCAGGCCCGGGCCAGCGCGCCAGTGTCTCCTGCACGCGGGGACTC  
 GGAGGCGCAGCGGCGCTGGTGGGAGCGTGGCTGAACTGCTACGGGCAGCGTGGGCGG  
 CGGGCGCAGCTGATCGTGGACCTGTGGGAGGGGAGGCACGTGGCGCGCTGGGCCGCT  
 GCCGTGGCTCTGGGCGGCGGGACGCGCTAGCGGGGAGCAGGGCACTGTGCTGCTGCT  
 GTGGAGCGGCGCGACCTTCGCCCGGTACGCGGCCCGACCCCGCGCCGCGCCCTGCT  
 CGCCCTGTCCACGCTGCCCCGCGCCGCTGCTGCTGCTCGCTTACTTCAAGTCGCTCTG  
 CGCAAGGGCGACATCCCCCGCGCTGCGCGCCCTGCCGCGCTACCGCCTGCTGCGCGA  
 CCTGCCGCGTCTGCTGCGGGCGCTGGACGCGCGCCCTTTCGAGAGGCCACCAGCTGGGG  
 CCGCCTTGGGGCGCGCAGCGCAGGCAGAGCCGCTAGAGCTGTGCAGCCGGCTCGAACG  
 AGAGGCCGCGGACTTGCAGACCTAGGTTGAGCAGAGCTCCACCGCAGTCCCGGGTGTCT  
 GCGGCCGAACGCAACGGACACTGGCTGGAACCCCGGAATGAGCCTTCGACCCTGAAATC  
 CTTGGGGTGCCTCGAGGACGACTGGCCGAAAAGCCGATTCCTGCCTCACAGCCGGAA  
 GTCCCAGCCCAGTCCCCGCGCGCTCCCTCTTCTCCTCATACTTCCCTTGACTGAGAG  
 CTCTCTAACCCTGTTCTGATGGGGGAGGGCGTCTTCCACTTCTCTCCAGAACTCC  
 AGAAAGAGCAGTGTGCTTATGCTTCAAGTCCAGGCTGGAGAGGTTGGGGCCGGGTAGGGA  
 GGCAGGAGCCATGTCAAGTCTGAAGGAGGGTGAAGCGGTGGGGATTGCAGGGGCGGCT  
 GAGAGAAAACCTCCTTGGGGCCAGGGATTCCCTTTCCACTCTGAGGCTCTGGCCAGAG  
 GGAGAGAGGACTCTGGACCTAGGAAAAGAGGCTTTTGGTCCAGGTGGTCAGGACAGTGG  
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**Restriction Sites:** Please inquire

**ACCN:** NM\_153480

**Insert Size:** 2100 bp

<b>OTI Disclaimer:</b>	Due to the inherent nature of this plasmid, standard methods to replicate additional amounts of DNA in E. coli are highly likely to result in mutations and/or rearrangements. Therefore, OriGene does not guarantee the capability to replicate this plasmid DNA. Additional amounts of DNA can be purchased from OriGene with batch-specific, full-sequence verification at a reduced cost. Please contact our customer care team at <a href="mailto:custsupport@origene.com">custsupport@origene.com</a> or by calling 301.340.3188 option 3 for pricing and delivery.
	The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. <a href="#">More info</a>
<b>OTI Annotation:</b>	The ORF of this clone has been fully sequenced and found to be a perfect match to NM_153480.
<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_153480.1</a> , <a href="#">NP_705613.1</a>
<b>RefSeq Size:</b>	2717 bp
<b>RefSeq ORF:</b>	2004 bp
<b>Locus ID:</b>	132014
<b>UniProt ID:</b>	<a href="#">Q8NFR9</a>
<b>Cytogenetics:</b>	3p25.3
<b>Protein Families:</b>	Druggable Genome, Transmembrane
<b>Gene Summary:</b>	<p>This gene encodes a transmembrane protein that functions as the receptor for interleukin-17C. The encoded protein signals to downstream components of the mitogen activated protein kinase (MAPK) pathway. Activity of this protein is important in the immune response to bacterial pathogens. Alternatively spliced transcript variants have been described for this gene. [provided by RefSeq, Sep 2013]</p> <p>Transcript Variant: This variant (1) encodes isoform 1.</p>