

## Product datasheet for **MC228711**

### **Il17rc (NM\_178942) Mouse Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Il17rc (NM_178942) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Il17rc
Synonyms:	1110025H02Rik; Gm19850; IL-17RC; IL17-RC; IL17-RL; Il17rl
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



[View online »](#)

**Fully Sequenced ORF:** >MC228711 representing NM\_178942  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGCCTGTGTCCTGGTTCTGCTGCTCTTGGCACTGGCCGAAACCCTGTGGTCGTCTCTGAGAGAC  
 TGATGGAGCCTCAGGACTGCACGCTGCTCTAGGCCTCTCCTGCCACCTCTGGGATGGTGACGTGCT  
 CTGCCTGCCTGGAAGCCTCCAGTCTGCCAGGCCCTGTGCTAGTGCCTACCCGCCTGCAGACGGAGCTG  
 GTGCTGAGGTGTCCACAGAAGACAGATTGCGCCCTCTGTGTCCGTGTGGTGGTCCACTTGGCCGTGCATG  
 GGCCTGGCAGAGCCTGAAGAAGCTGGAAGTCTGATTACAGAACTCCAGGAGTCTAGGAACGCCTCTCT  
 CCAGGCCAGGTGGTCTCTCTCCAGGCCTACCCATCGCCGCTGTGCCCTGCTGGAGGTCCAGGTG  
 CCCGCTGACCTGGTGCAGCCTGGTCCGTGGGTTCTGCGGTATTTGACTGTTTCGAGGCTAGCTTG  
 GGGCTGAGGTACAGATCTGGTCTACACGAAGCCAGGTACCAGAAGAGCTCAACCTCACACAGCAGCT  
 GCCTGACTGCAGGGTCTTGAAGTCCGGGACAGCATCCAGAGCTGCTGGGTCCTGCCCTGGCTCAATGTG  
 TCTACAGATGGTACAATGTCTCTGACACTGGATGTCTCTGAGGAGCAGGACTTAGCTTCTACTGT  
 ACCTGCGTCCAGTCCCGGATGCTCTCAAACTCTTGTGGTACAAAACTGACTGGACCTCAGAACATTAC  
 TTTAAACCACACAGACCTGGTCCCTGCCTCTGCATTAGGTGTGGTTCGCTAGAGCCAGACTCTGAGAGG  
 GTCGAATCTGCCCTTCCGGGAAGATCCCGGTGCACACAGGAACCTCTGGCACATAGCCAGGCTGCGGG  
 TACTGTCCCAGGGGTATGGCAGCTAGATGCGCCTTGTGTCTGCCGGCAAGGTAACACTGTGCTGGCA  
 GGCACCAGACCAGAGTCCCTGCCAGCCTTGTGCCACAGTCCCCAGAAGAAGCCACTGTGAATGAG  
 CCACAAGATTTCCAGTTGGTGGCAGGCCACCCAACTCTGTGTCAGGTGAGCAGCTGGGAGAAGGTTT  
 AGCTGCAAGCGTCTTGTGGCTGACTCCTTGGGGCCCTCAAGGATGATATGCTGTTAGTGGAGATGAA  
 AACCGGCCTCAACAACACATCAGTCTGTGCCTTGGAAACCCAGTGGCTGTACACCACTGCCAGCATGGCC  
 TCCACGAGAGCTGCTCGCTGGGAGAGGAGTTGCTGCAAGACTTCCGATCACACCAAGTGTATGCAGCTGT  
 GGAACGATGACAACATGGGATCGCTATGGGCTGCCCATGGACAAGTACATCCACAGGCCTGGGTCTT  
 AGTATGGCTGGCCTGCCTACTCTGGCTGCGGCGCTTTTCTTCTCTCTCTTCTAAAAAAGGACCGCAGG  
 AAAGCGGCCCGTGGTCCCACAGCCCTTGTCTCCACTCCGCCGACGGAGCGGGCTACGAGCGTCTGG  
 TGGGAGCACTGGCGTCCGCTTGGCCAGATGCCACTGCGCGTGGCCGTGGACCTGTGGAGCCGCCGGA  
 GCTGAGCGCGACGGAGCCCTAGCTGGTCCACCACCAGCGACCGCTATCCTGCAGGAGGTGGCGTG  
 GTAATCCTTCTCTCTCGCCCGCGCCGTGGCGCAGTGTACAGTGGCTGCAGTCCAGACAGTGGAGC  
 CCGGGCCGATGACGCCCTCGCCGCTGGCTCAGCTGCGTGTACCCGATTTCTGCAAGCCGGGCGAC  
 CGGCCGCTACGTGGGGTCTACTTCGACGGGCTGCTGCACCCAGACTCTGTGCCCTCCCGTTCCGCGTC  
 GCCCGCTCTTCTCCCTGCCCTCGCAGCTGCCGCTTCTCTGGATGCACTGCAGGGAGGCTGCTCCACTT  
 CCGCGGGCGACCCGCGGACCGGTGGAACGAGTGACCCAGGCGCTGCGGTCCGCCCTGGACAGCTGTAC  
 TTCTAGCTCGGAAGCCCCAGGCTGCTGCGAGGAATGGGACCTGGGACCTGCACTACACTAGAA**TAA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** Sgfl-MluI

**ACCN:** NM\_178942

**Insert Size:** 2097 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).

<b>OTI Annotation:</b>	Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
<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_178942.1</a></u> , <u><a href="#">NP_849273.1</a></u>
<b>RefSeq Size:</b>	2369 bp
<b>RefSeq ORF:</b>	2097 bp
<b>Locus ID:</b>	171095
<b>UniProt ID:</b>	<u><a href="#">Q8K4C2</a></u>
<b>Cytogenetics:</b>	6 E3
<b>Gene Summary:</b>	<p>Receptor for IL17A and IL17F homodimers as part of a heterodimeric complex with IL17RA (PubMed:17911633, PubMed:20554964). Receptor for the heterodimer formed by IL17A and IL17B as part of a heterodimeric complex with IL17RA (By similarity). Has also been shown to be the cognate receptor for IL17F and to bind IL17A with high affinity without the need for IL17RA (By similarity).[UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (1) represents the longer variant and it encodes the longer protein (isoform 1).</p>