

## Product datasheet for **MC217962**

### **Il17rc (BC004759) Mouse Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Il17rc (BC004759) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Il17rc
Synonyms:	IL17-RL, IL-17RC, 1110025H02Rik, IL17-RC
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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**Fully Sequenced ORF:** >BC004759  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGCCTGTGTCCTGGTTCCTGCTGCTCCTTGGCACTGGCCGAAACCCTGTGGTCGTCTCTGAGAGAC  
 TGATGGAGCCTCAGGACACTGCACGCTGCTCTAGGCCTCTCCTGCCACCTCTGGGATGGTGACGTGCT  
 CTGCCTGCCTGGAAGCCTCCAGTCTGCCCCAGGCCCTGTGCTAGTGCCTACCCGCCTGCAGACGGAGCTG  
 GTGCTGAGGTGTCCACAGAAGACAGATTGCGCCCTCTGTGTCCGTGTGGTGGTCCACTTGGCCGTGCATG  
 GGCCTGGCAGAGCCTGAAGAAGCTGGAAAGTCTGATTACAGAACTCCAGGAGTCTAGGAACGCCTCTCT  
 CCAGGCCAGGTGGTGTCTCCTTCCAGGCCTACCCATCGCCCGCTGTGCCCTGCTGGAGGTCCAGGTG  
 CCCGCTGACCTGGTGCAGCCTGGTCCAGTCCGTGGGTTCTGCGGTATTTGACTGTTTCGAGGCTAGCTTG  
 GGGCTGAGGTACAGATCTGGTCTACACGAAGCCAGGTACCAGAAGAGCTCAACCTCACACAGCAGCT  
 GCCTGACTGCAGGGTCTTGAAGTCCGGGACAGCATCCAGAGCTGCTGGGTCCTGCCCTGGCTCAATGTG  
 TCTACAGATGGTACAATGTCTTCTGACACTGGATGTCTCTGAGGAGCAGGACTTTAGCTTCTTACTGT  
 ACCTGCGTCCAGTCCCGGATGCTCTCAAATCCTTGTGGTACAAAAACCTGACTGGACCTCAGAACATTAC  
 TTTAAACCACACAGACCTGGTTCCTGCCTCTGCATTAGGTGTGGTTCGCTAGAGCCAGACTCTGAGAGG  
 GTCGAATTCTGCCCTTCCGGGAAGATCCCGGTGCACACAGGAACCTCTGGCACATAGCCAGGCTGCGGG  
 TACTGTCCCAGGGGTATGGCAGCTAGATGCGCCTTGTGTCTGCCGGGCAAGGTAACACTGTGCTGGCA  
 GGCACCAGACCAGAGTCCCTGCCAGCACTTGTGCCACAGTCCCCAGAAGAAGCCACTGTGAATGAG  
 CCACAAGATTTCCAGTTGGTGGCAGGCCACCCAACTCTGTGTCAGGTGAGCACCTGGGAGAAGGTTT  
 AGCTGCAAGCGTCTTGTGGGCTGACTCCTTGGGGCCCTTCAAGGATGATATGCTGTTAGTGGAGATGAA  
 AACCGGCCTCAACAACACATCAGTCTGTGCCTTGGAAACCAAGTGGCTGTACACCACTGCCAGCATGGCC  
 TCCACGAGAGCTGCTCGCTGGGAGAGGAGTTGCTGCAAGACTTCCGATCACACCAAGTGTATGCAGCTGT  
 GGAACGATGACAACATGGGATCGCTATGGGCTGCCCATGGACAAGTACATCCACAGGCCTGGGTCTT  
 AGTATGGCTGGCCTGCCTACTCTTGGCTGCGGCGCTTTTCTTCTTCTCCTTCTAAAAAAGGACCGCATG  
 ACGCCCTCGCCGCTGGCTCAGCTGCGTGTACCCGATTTCTGCAAGGCCGGGCGACCGGCCGCTACGT  
 CGGGGTCTACTTCGACGGGCTGCTGCACCCAGACTCTGTGCCCTCCCGTTCCGCGTCCGCCGCTCTTC  
 TCCCTGCCCTCGCAGCTGCCGGTTTCTGGATGCACTGCAGGGAGGCTGCTCCACTTCCGCGGGGCGAC  
 CCGCGGACCGGTGGAACGAGTGA

**ACGCGT**ACGCGGCGCTCGAGCAGAACTCATCTCTGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI

**ACCN:** BC004759

**Insert Size:** 1704 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).

**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:**

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:** [BC004759](#), [AAH04759](#)

**RefSeq Size:** 2015 bp

**RefSeq ORF:** 1703 bp

**Locus ID:** 171095

**Cytogenetics:** 6 E3

**Gene Summary:** 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]