

## Product datasheet for **MC220362**

### IL17rc (NM\_134159) Mouse Untagged Clone

#### Product data:

|                           |   |
|---------------------------|---|
| Product Type:             | Expression Plasmids                                       |
| Product Name:             | IL17rc (NM_134159) Mouse Untagged Clone                   |
| Tag:                      | Tag Free  |
| Symbol:                   | IL17rc  |
| Synonyms:                 | 1110025H02Rik; Gm19850; IL-17RC; IL17-RC; IL17-RL; IL17rl |
| Mammalian Cell Selection: | Neomycin  |
| Vector:                   | pCMV6-Entry (PS100001)                                    |
| E. coli Selection:        | Kanamycin (25 ug/mL)                                      |



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**Fully Sequenced ORF:** >MC220362 representing NM\_134159  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGCATCGCC**

ATGCCTGTGTCCTGGTTCCTGCTGTCCTTGGCACTGGCCGAAACCCTGTGGTCTGCTCTCTGGAGAGAC  
 TGATGGAGCCTCAGGACTGCACGCTGCTCTAGGCCTCTCCTGCCACCTCTGGGATGGTGACGTGCT  
 CTGCCTGCCTGGAAGCCTCCAGTCTGCCAGGCCCTGTGCTAGTGCCTACCCGCCTGCAGACGGAGCTG  
 GTGCTGAGGTGTCCACAGAAGACAGATTGCGCCCTCTGTGTCCTGTGGTGGTCCACTTGGCCGTGCATG  
 GGCCTGGCAGAGCCTGAAGAAGCTGGAAGTCTGATTACAGAACTCCAGGAGTCTAGGAACGCCTCTCT  
 CCAGGCCAGGTGGTCTCTCCTCCAGGCCTACCCATCGCCCGCTGTGCCCTGCTGGAGGTCCAGGTG  
 CCCGCTGACCTGGTGCAGCCTGGTCCGTCGGTTCGCGGATTTGACTGTTTCGAGGCTAGTCTTG  
 GGGCTGAGGTACAGATCTGGTCTACACGAAGCCAGGTACCAGAAGAGCTCAACCTCACACAGCAGCT  
 GCCTGATGGTGACAATGTCTTCTGACTGATGTCTCTGAGGAGCAGGACTTTAGCTTCTTACTGTAC  
 CTGCGTCCAGTCCCGGATGCTCTCAAATCCTTGTGGTACAAAACTGACTGGACCTCAGAACATTACTT  
 TAAACCACACAGACCTGGTTCCTGCCTCTGCATTAGGTGTGGTTCGCTAGAGCCAGACTCTGAGAGGGT  
 CGAATTCTGCCCTTCCGGGAAGATCCCGGTGCACACAGGAACCTCTGGCACATAGCCAGGCTGCGGGTA  
 CTGTCCCAGGGGTATGGCAGCTAGATGCGCCTTGTCTGTGCCGGCAAGGTAACACTGTGCTGGCAGG  
 CACCAGACCAGAGTCCCTGCCAGCCACTGTGCCACCAGTGGCCAGAGAAGCCACTGTGAATGAGCC  
 ACAAGATTTCCAGTTGGTGGCAGGCCACCCAACTCTGTGTCCAGGTGAGCACCTGGGAGAAGGTTAG  
 CTGCAAGCGTGTCTGGGGTACTCCTGGGGCCCTCAAGGATGATATGCTGTTAGTGGAGATGAAAA  
 CCGGCTCAACAACACATCAGTCTGTGCCTTGAACCCAGTGGCTGTACACCCTGCCAGCATGGCCTC  
 CACGAGAGCTGCTCGCCTGGGAGAGGAGTTGTGCAAGACTTCCGATCACACCAGTGTATGCAGCTGTGG  
 AACGATGACAACATGGGATCGCTATGGGCTGCCCATGGACAAGTACATCCACAGGCGCTGGGTCTAG  
 TATGGCTGGCCTGCCTACTCTTGGCTGCGGCGCTTTTCTTCTTCTCTCTAAAAAAGGACCGCAGGAA  
 AGCGGCCCGTGGCTCCCGCACGGCCTTGTCTCCTCCACTCCGCGACGGAGCGGGCTACGAGCGTCTGGT  
 GGAGCACTGGCGTCCGCTTGGCCAGATGCCACTGCGCGTGGCCGTGGACCTGTGGAGCCCGCGGAGC  
 TGAGCGCGCACGGAGCCCTAGCCTGGTTCACCACCAGCGACGCCGTATCCTGCAGGAGGGTGGCGTGGT  
 AATCCTTCTCTTCTCGCCCGCGGCGTGGCGAGTGTACAGAGTGGTGCAGCTCCAGACAGTGGAGCCC  
 GGGCCGATGACGCCCTCGCCGCTGGCTCAGCTGCGTGTACCCGATTTCTGCAAGGCCGGGCGACCG  
 GCCGCTAGCTCGGGTCTACTTCGACGGGCTGCTGCACCCAGACTCTGTGCCCTCCCGTTCGCGCTCGC  
 CCCGCTTCTTCCCTGCCCTCGCAGCTGCCGGTTTCTGGATGCACTGCAGGGAGGCTGTCCACTTCC  
 GCGGGGACCCGCGGACCGGGTGAACAGAGTACCCAGGCGCTGCGGTCCGCCCTGGACAGCTGTACTT  
 CTAGCTCGGAAGCCCCAGGCTGTGCGAGGAATGGGACCTGGGACCTGCACTACACTAGAA**TAA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM\_134159
- Insert Size:** 2025 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:** [NM\\_134159.4](#), [NP\\_598920.3](#)

**RefSeq Size:** 2289 bp

**RefSeq ORF:** 2025 bp

**Locus ID:** 171095

**UniProt ID:** [Q8K4C2](#)

**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]  
Transcript Variant: This variant (2) lacks an alternate exon and uses a different splice site in the coding region, compared to variant 1. The resulting protein (isoform 2) is shorter when it is compared to isoform 1.