

Product datasheet for **RN205436**

Il17re (NM_001004091) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Il17re (NM_001004091) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Il17re
Synonyms:	MGC93201
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN205436 representing NM_001004091
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGGGAGCCCCAGACTGGCAGCCTTGCTCCTGTCTCAACCTCTACTGTTTCATCTGCCTTGCTGTGTCTG
 CTAGGTTGCCTGCCCTGCCTGCCACGTTGGACCAGCCACTGTCTACTGGCCTTCGGTGTGGATAAGCA
 TTTTGCTGGCCTTCAGTGTGGCTGGTCCCTCTCTTGGTGGAGAAATCTAAAAGTTCTCATGAATTTGAA
 GTCTGTTGGAGGCACTGGACACCATCACCTTCCAGAGGAAGCTACTAGGTAGCCCTTCCTGTCTCAGG
 AGAGCCATCGAATTTCCACCCACTTCTAGCCATCTCCACAGAGGCTACGTACCAAAAGGACCCAGCC
 TTCAGTGCAGAAAGGATAGAACATCTCCCTGGAGCAGGTTACAAAAGCATGGAGGACCTGAATTCCTC
 TTTGATTTGCTGCCTGAGGTACAGGCTATTCGGGTGACTATTCCTCCAGGCCAGAGGCCAACGTACGCC
 TTTGTTACCAGTGGGCACTGGAATGTGAGGACATGAGTAGTCCTTTTGATACCCAGAAAATTGTGTCTGG
 GGGCCACTGTAGACCTGCCTTATGAATTCCTTCTGCCTTGATGTGCATAGAGGCTCCTACCTGCAG
 GAGGACACTGTGAGGCACAAAAGTGTCCCTTCGGAGCTGGCCTGAAGCTTATGGCTCCGACTTCTGGA
 AGTCAATACGCTTCACTGACTACAGCCAGCACAGTCAGATGGTCATGGCTCTGACTCCGCTGCCCACT
 GAAACTGGAGGCCTCTCTGCTGGAGGCAGGACCCAGTCACGCCCTGCAAAATCCTTCCCAATGCCACA
 GCAAAGGAGTCAGAAGGATGGTATATCCTGGAGAATGTGGACTTGACCCCCAGCTCTGCTTTAAGTTTT
 CTTTTGAAAACAGTAGCCATGTTGAATGTCCCAACAGAGTGGCTCTCTCCATCCTGGACTGTGAGCAT
 GGATACCCAGGCCAACAGCTGATTCTTCACTTTTCGACGAGGACATATGCTACCTTCAGTGTGCCTGG
 AGTAACCCAGGTTTGGGGCTGGATAGCTCCATGACTCCTGTGTACAGCATCAGTCAGACCCAGGGCTCAG
 TTCCAGTGACACTGAACCTCATTATCCCTTCTTGGAGCAGGGAGCTGCATCCTGGTGTGGAGGTCAGA
 TGTCAGTTTGCCTGGAAGCACCTCTTGTGTCTGATGTCTCCATAGACACCTCGGGCTCTTGATCCTG
 GCACTGTGGGTCTACCACTCTACTGGGTGATGTTCTGGTCTCTTCTGCCGGCCTACTGCCAGGCC
 CCGGTGCAACAAGGCCAGTTTTACTCTACACGCAGCGGACTCAGAGGCACAGCGACGCTGGTGGGAGC
 TTTGGCCGAAGTCTGCGGACCGCGCTGGGTGGTGGACGCGACGTGATCGTGGATCTCTGGGAAGGGACG
 CACGTGGCTCGCATTGGACCACTGCCATGGCTCTGGGCAGCACGGGAACGCGTGGCACGGGAGCAGGGCA
 CTGTGTTGCTCCTTTGGAGCTGTGCGGGCCCCAGCACTGCCTGCAGCGGCGACCCGAGACTGCATCCCT
 TCGCACCTTGTGCTGCGCTGCTCCACGCCAGCTGCTGCTCGCCTACTTCAGTCGCTCTGTGCCAAAGT
 GACATTCGGGGCGCTGCGCGCTACCGCGCTACCGCCTGCTTCGTGATCTGCCACGCTACTGAGAG
 CGCTGGATGCTCGACCTGCCACCCTAGCCACTAGCTGGAGTACCTTGGAGCTAAGGAGTGTGAAAGG
 TCGCCTGGAGCTGTGTCACCTGTGGAACCTCGAGGCTGCCAAAGACGACTACCACGGTTCACCAATAGT
 CTTGTGGCTTCAAGTTGTCT**GTAG**

AC**GGGCCGC**TCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGA
 TTACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-NotI
- ACCN:** NM_001004091
- Insert Size:** 1914 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_001004091.1](#), [NP_001004091.1](#)

RefSeq Size: 2640 bp

RefSeq ORF: 1914 bp

Locus ID: 362417

UniProt ID: [Q6AZ51](#)

Cytogenetics: 4q42

Gene Summary: Specific functional receptor for IL17C, signaling through the NF-kappa-B and MAPK pathways. Requires TRAF3IP2 /ACT1 for signaling. Crucial regulator in innate immunity to bacterial pathogens (By similarity).[UniProtKB/Swiss-Prot Function]