

Product datasheet for **MC219997**

Il17re (NM_145826) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Il17re (NM_145826) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Il17re
Synonyms:	AA589509; IL-17RE; Il25r
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >MC219997 representing NM_145826
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGGGAGCCCCAGACTGGCAGCCTTGCTCCTGTCTCTCCGCTACTGCTCATCGGCCTCGCTGTGTCTG
 CTGGGTTGCCTGCCCTGCCTGCGGAGTTGGACCAGCCACTGTCTCCTGGCCTACCGTGTGGATAAACG
 TTTTGCTGGCCTTCAGTGGGGCTGGTCCCTCTCTTGGTGGAGAAATCTAAAAGTCTCCTAAATTTGAA
 GACTATTGGAGGCACAGGACACCAGCATCCTTCCAGAGGAAGCTGCTAGGCAGCCCTTCCCTGTCTGAGG
 AAAGCCATCGAATTTCCATCCCCCTCAGCCATCTCCACAGAGGCCAACGCACCAAAAGGGCCAGCC
 TTCAGTGCAGAAGGAAGAGAACATCTCCCTGAAGCAGGGTCAAAAAGTGTGGAGGACCTGAATTTCC
 TTTGATTTGCTGCCCGAGGTGCAGGCTGTTCCGGTGACTATTCTGCAGGCCCAAGGCCAGTGTGCCG
 TTTGTTATCAGTGGGCACTGGAATGTGAAGACTGAGTAGCCCTTTTGATACCCAGAAAATTGTGTCTGG
 AGGCCACACTGTAGACCTGCCTTATGAATTCCTTCTGCCCTGCATGTGCATAGAGGCCTCCTACCTGCAA
 GAGGACACTGTGAGGCGCAAAAAGTGTCCCTTCCAGAGCTGGCCTGAAGCTTATGGCTCAGACTTCTGGC
 AGTCAATACGCTTCACTGACTACAGCCAGCACAATCAGATGGTCAATGGCTCTGACTCCGCTGCCCACT
 GAAACTGGAGGCCTCCCTCTGCTGGAGGCAGGCCACTCACACCCTGCGAAACCCTTCCCAACGCCACA
 GCACAGGAGTCAGAAGGATGGTATATCCTGGAGAATGTGGACTTGACCCCCAGCTCTGCTTTAAGTTCT
 CATTTGAAAACAGCAGCCACGTTGAATGTCCCCACCAGAGTGGCTCTCTCCATCCTGGACTGTGAGCAT
 GGATACCCAGGCCAGCAGCTGACGCTTCACTTTTCTTCGAGGACATATGCCACCTTCAGTGTGCCTGG
 AGTGAACCAAGTGGGGCCGATACCCCATGCCTCCTGTGTACAGCATCAGCCAGACCCAGGGCTCAG
 TCCCAGTGACGCTAGACCTCATCATCCCCTTCTGAGGCAGGAGAATTGCATCCTGGTGTGGAGGTCAGA
 TGTCATTTTGCCTGGAAGCACGCTTGTGTCTGATGTCTCCCATAGACACCTCGGGCTCTTGATCCTG
 GCACTGTGGCTCTACCGCTCTAGTGGGTGATGTTCTGGTCTCCTCGGCCGGCGCTACTGCCAGGCT
 CCGGTGCAACAAGGCCAGTTTTACTCTACATGCAGCGGACTCAGAGGCACAGCGACGCCTGGTGGGAGC
 TTTGGCCGAAGTCTGCGGACGGCGCTGGGAGGTGGACGCGACGTGATCGTGGATCTCTGGGAAGGGAGC
 CACGTAGCACGCATTGGACCACTGCCGTGGCTTTGGGCAGCGCGGGAGCGCTGGCGCGGGAGCAGGGCA
 CAGTGTGCTCCTGTGGAAGTGTGCGGGTCCCAGCACCGCCTGCAGCGGTGACCCGAGGCTGCGTCCCT
 TCGCACCTTGTGTGCGCTGCTCCACGTCCGCTGCTGCTCGCCTACTTCAGTCGCTCTGCGCCAAAGT
 GACATCCCCGGCCGCTGCGCGCTTGCCACGCTACCGCCTGCTTCGTGACCTGCCGCGCCTGCTGAGAG
 CACTGGATGCTCAGCCTGCCACCCTAGCCTCCAGCTGGAGTACCTTGGGGCTAAGCGGTGCTTGAAAAA
 CCGTCTGGAGCAGTGTACCTGTGGAAGTGGAGGCTGCCAAAGATGACTACCAAGGCTCAACCAATAGT
 CCTGTGGTTTACAGTGTCT**GTAG**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_145826

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_145826.5](#), [NP_665825.2](#)

RefSeq Size: 2933 bp

RefSeq ORF: 1914 bp

Locus ID: 57890

UniProt ID: [Q8BH06](#)

Cytogenetics: 6 E3

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, such as Citrobacter rodentium. Isoform 4 and isoform 5 may be either cytoplasmic inactive or dominant active forms. Isoform 2 and isoform 3 may act as soluble decoy receptors.[UniProtKB/Swiss-Prot Function]