

Product datasheet for **MC227691**

Il17re (NM_001034031) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Il17re (NM_001034031) 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
Fully Sequenced ORF: >MC227691 representing NM_001034031
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGTGCATAGAGGCTCCTACCTGCAAGAGGACACTGTGAGGCGCAAAAAGTGTCCTTCCAGAGCTGGC
CTGAAGCTTATGGCTCAGACTTCTGGCAGTCAATACGCTTCACTGACTACAGCCAGCACAATCAGATGGT
CATGGCTCTGACTCCGCTGCCACTGAACTGGAGGCTCCCTCTGCTGGAGGCAGGACCCACTCACA
CCCTGCGAAACCTTCCCAACGCCACAGCACAGGAGTCAGAAGGATGGTATATCCTGGAGAATGTGGACT
TGACCCCCAGCTCTGCTTTAAGTTCTCATTTGAAAACAGCAGCCACGTTGAATGTCCCCACCAGAGTGG
CTCTCTCCCATCCTGGACTGTGAGCATGGATACCCAGGCCAGCAGCTGACGCTTCACTTTTCTTCGAGG
ACATATGCCACCTTCACTGCTGCCTGGAGTGACCCAGGTTTGGGGCCGGATACCCCATGCCTCCTGTGT
ACAGCATCAGCCAGACCCAGGGCTCAGTCCCAGTGACGCTAGACCTCATCATCCCCTTCTGAGGCAGGA
GAATTGCATCCTGGTGTGGAGGTCAGATGTCCATTTTGCCTGGAAGCACGCTTTGTGTCTGATGTCTCC
CATAGACACCTCGGGCTTTGATCCTGGCACTGGCTCTCACCGCTCTAGTGGGTGATGTTCTGGTCC
TCCTCGGCCGGCGCCTACTGCCAGGCTCCGGTGAACAAGGCCAGTTTTACTCCTACATGCAGCGACTC
AGAGGCACAGCGACGCTGGTGGGAGCTTTGGCCGAAGTCTGCGGACGCGCTGGGAGGTGGACGCGAC
GTGATCGTGGATCTCTGGGAAGGACGCACGTAGCACGCATTGGACCCTGCCGCTGGCTTTGGGACGCG
GGGAGCGCGTGGCGGGAGCAGGGCACAGTGCTGCTCCTGTGGAAGTGTGCGGGTCCCAGCACCGCCTG
CAGCGGTGACCCGAGGCTGCGTCCCTTCGCACCTTGTGTGCGCTGCTCCACGTCGCTGCTGCTCGCC
TACTTCAGTCGCCTCTGCGCCAAAGGTGACATCCCCGGCCGCTGCGCGCTCTGCCACGCTACCGCTGC
TTCGTGACCTGCCGCGCTGCTGAGAGCACTGGATGCTCAGCCTGCCACCCTAGCCTCCAGCTGGAGTCA
CCTTGGGGCTAAGCGGTGCTTAAAAACCGTCTGGAGCAGTGTCACCTGCTGGAAGTGGAGCTGCCAAA
GATGACTACCAAGGCTCAACCAATAGTCCCTGTGGTTTCAGCTGTCTG**TAG**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Restriction Sites:	Sgfl-Mlul
ACCN:	NM_001034031
Insert Size:	1311 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).
OTI Annotation:	Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
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:	<ol style="list-style-type: none">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:	<u>NM_001034031.1</u> , <u>NP_001029203.1</u>
RefSeq Size:	1973 bp
RefSeq ORF:	1311 bp
Locus ID:	57890
UniProt ID:	<u>Q8BH06</u>
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]