

Product datasheet for **MR208007**

Il17rb (NM_019583) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Il17rb (NM_019583) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Il17rb
Synonyms:	Evi27; IL-17ER; IL-17Rh1; Il17br; IL17RH1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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ORF Nucleotide Sequence:

>MR208007 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGTTGCTAGTGTGCTGATCTTGGCTGCATCGTGCAGGAGCGCCCTGCCTCGAGAGCCGACTATTCACT
 GTGGCTCTGAGACAGGGCCATCTCCAGAGTGGATGGTCCAACACACACTCACTCCAGGAGACTTGAGGGA
 CCTCCAAGTGAACTCGTCAAGACAAGTGTGGCAGCAGAGGAGTTTTCAATTTTATGAACATAAGCTGG
 ATACTCCGGGCAGACGCCAGCATCCGCTTGTGAAGGCCACCAAGATCTGCGTGAGTGGCAAAAACAACA
 TGAATTCATACAGCTGTGTGAGGTGCAACTACACAGAGGCCTTCAAAGCCAGACCAGACCTTCCGGCGG
 CAAATGGACATTCTCTATGTAGGCTTCCCTGTGGAGCTGAGCACTCTCTATCTCATCAGCGCCATAAC
 ATCCCCAATGCTAATATGAATGAGGACAGCCCTTCTTTGTCTGTGAACCTCACCTCGCCAGGCTGCCTAA
 ACCACGTAATGAAATATAAAAAGCAGTGCAGTGCAGGCGGGAAGCCTGTGGGACCCAGACATCACTGCTTG
 TAAAAAGAACGAGAAGATGGTTGAAGTGAATTTACAACCAATCCCCTTGAAACAGATACACGATTCTC
 ATCAACGGGACACGACATTGGGGTTTTCTAGAGTGTGGAGAATAAACTGATGAGGACGCTGTAGCCA
 TCCCGGTGACTGAGGAGAGTGAAGTGCAGTGGTTCAGCTGACCCCATATTTACATACCTGCGGCAATGA
 CTGCATCCGACGCGAAGGGACAGTTGTGCTTTGCTCAGAGACAAGTGTCCCATCCCTCCAGATGACAAC
 AGACGCATGCTGGGAGGCTGGCTGCCTCTTCTTGGTGTGCTGGTGGCTGTGTGGGTGCTGGCAGCTG
 GGATCTACCTAATTGGAGGCAAGGAAGGAGCAGCAAGACGTCCTTTCTATTTCCACCATGCTCCTGCC
 CCTCATTAAGGCTCTGGTGGTTATCCTTCTGAGATATGTTTCCATCACACCGTCTGTGCTTCACTGAC
 TTTCTTCAAACACTACTGCAGAAGTGAAGTCACTTGAATAATGAGGAGGAGGAGGAGGAGGAGGAGGAGG
 GGCCGGTACAGTGGCTGACCACTCAGAAGCAAGCGGCAGATAAAGTGGTCTTCTTCCAGTACGCT
 CCGACCCCTTTGTGACAGTGCCTGTGGCCACAATGAGGGCAGCGCCAGGAGAACTCTCAGGATCTGTTT
 CCTCTTGCTTTAACCTCTTTGTAGTATTTAGCAGCCAGACGCATCTGCACAATACTGGTGGTCT
 ATCTTGGGGGAGCAGACCTCAAAGGCGACTATAATGCCCTGAGTGTCTGCCCCCAATATCATCTCATGAA
 GGACGCCACAGCTTTCCACACAGAACTTCAAGGCTACGCAGAGCATGTCAGTGAAGAAACGCTCACAA
 GCCTGCCATGATAGCTGTTCACCCTTG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>MR208007 protein sequence
 Red=Cloning site Green=Tags(s)

MLLVLLILAASCRSALPREPTIQCGSETGPSPEWMVQHTLTPGDLRDLQVELVKTSVAAEEFSILMNISW
 ILRADASIRLLKATKICVSGKNNMNSYSCVRCNYTEAFQSQTRPSGGKWF SYVGFVPELSTLYLISAHN
 IPNANMNEDSPSLSVNFTSPGCLNHVMKYKQCTEAGSLWDPDITACKKNEKMVEVNFTTNPLGNRYTIL
 IQRDITLGF SRVLENKLMRTSVAIPVTEESEGAVVQLTPYLHTCGNDCIRREGTVVLCSETSAPIPPDDN
 RRMLGGWLPFLVLLVAVVWLAAGIYL TWRQGRSTKTSFPISTMLLPLIKVLVVYPSEICFHHTVCRFTD
 FLQNYCRSEVILEKWQKKKIAEMGPVQWLTTQQAADKVVFLPSDVPTL CDSACGHNEGSARENSQDLF
 PLAFNLFCSDFSSQTHLHKYLVVYLGADLKGDNALSVCPQYHLMKDATAFHTELLKATQSMSVKRSQ
 ACHDSCSPL

TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

Restriction Sites:

Sgfl-Mlul

Cloning Scheme:

ACCN: NM_019583

ORF Size: 1500 bp

OTI Disclaimer: Due to the inherent nature of this plasmid, standard methods to replicate additional amounts of DNA in E. coli are highly likely to result in mutations and/or rearrangements. Therefore, OriGene does not guarantee the capability to replicate this plasmid DNA. Additional amounts of DNA can be purchased from OriGene with batch-specific, full-sequence verification at a reduced cost. Please contact our customer care team at custsupport@origene.com or by calling 301.340.3188 option 3 for pricing and delivery.

The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

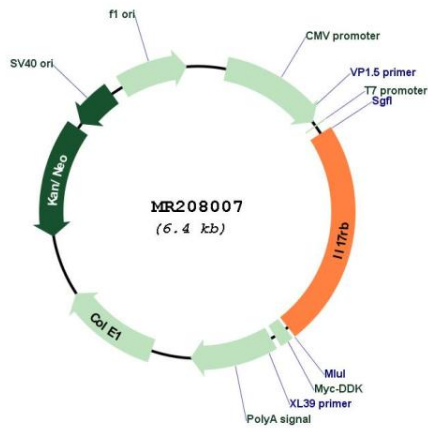
OTI Annotation: This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

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_019583.3](#)

RefSeq Size:	2061 bp
RefSeq ORF:	1500 bp
Locus ID:	50905
UniProt ID:	Q9JIP3
Cytogenetics:	14 18.39 cM
MW:	55.6 kDa
Gene Summary:	Receptor for the proinflammatory cytokines IL17B and IL17E. May play a role in controlling the growth and/or differentiation of hematopoietic cells.[UniProtKB/Swiss-Prot Function]

Product images:


Circular map for MR208007