

Product datasheet for **RR217094**

Il17rc (NM_001170565) Rat Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Il17rc (NM_001170565) Rat Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Il17rc
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

ORF Nucleotide Sequence:

>RR217094 representing NM_001170565
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGCCTGTGCCCTGGTTCCTGCTGCTCTTGGCACTGGGCCGAAGCCCGTGGTCTGTTCCCTGGAGAGAC
 TCATGGAGCCTCAGGACTGCACACTGCTCTAGGCCTCTCCTGCCACCTCTGGGATGGTGACGTGCT
 CTGCCTGCCTGGAAGCATCGAGTCTGCCAGGCCCTGTGCTAGTGCCTACCCGCCTGCAGACGGAGCTG
 GACTCAGGTGTCCACAAGAGACAGATTGCGCCCTCTGTGCTCCGTGTGGTTGTACACTTGGCTGTGCATG
 GGCCTGGGAAGAGCCCGAAGAAGCTGGAAAGTCTGATTACAGAACTCCAGGGGCCAGGAACGCCTCTCT
 CCAGGCCAGGTGGTCTCTCTTTAGGCCTACCCATTGCTCGCTGTGCCCTGCTGGAGGTCCAGGTG
 CCTGCTGACCTGGTGCAGCCTGGTCCGTCGGTTCGTCAGTATTTGACTGTTTTGAGGCTGGTCTTG
 GGGCTGAGGTACGAATCTGGTCTACACCAACCAGGTACCAGAAAGAACTCAACGTACGCAGCAGTT
 GCCTGACTGCAGGGTCTCGAAGTCCAGGACAGCATCCAGAGCTGCTGGGCCCTACCTGGCTCAATGTG
 TCTACAGATGGTACAATGTTCTTCTGATACTGGACGTCTTAAGGAGCAGAAATTTGGCTTCTACTAT
 ACTGGGATCAGGCCAGGTCTCTCAAATCCTTGTGTACAAAAACCTGACTGGACCTCAGAACATTAC
 TTTAAACCACACTGACCTGGTTCCTGCCTCTGCATTAGTTATGGTCTCAGGAGCCAGACTCTGTTAGG
 ACCAGTTCTGCCCTTCAAGAAAGATCCCGTGCACACAGGAACCTTTGGCACATGGCCAGGCTGCGGG
 TGCAGTCTCAGGGAGCTGGTCTAGACACGCCTTGTCTCTACGGACCGAGGTGGCACTGTGCTGGCA
 GGCACCAGACCAGAGTCCCTGCCAGCCCCTTGTGCCACCAATGCCCGAGAAGATGTCACTATGAATAGG
 CCATTTGAGTCCCATTTGGTAAAGAACACCCCAACCTCTGTGTCAGGTGAGCAGCTGGGAGAAGTTG
 AGCTCCAAGAGTCTTGTGGGCTGACTCCTTAGGGCCCTTCAAGGATGATATGCTGTTAGTGGAGATGAA
 AACTGACCTAAACGACACATCAGTCTGTGCCTTGGAAACCCAGTGGCTGTACACCACTGCCTAGTGTGCC
 TCCACGAGAGCTGCTCGCCTGGAGAGCAGTTGCTTCTAGACTTCAGGACACACCAGTGCATGCAGCTGT
 GGAATGATGATGACCTGGGATCACTGTGGGCTGCCCATGGACAAGTACATCCACAAGCCTGGTCTCT
 AGTGTGGCTGGCCTGCCTACTCTTGGCTGCGGCGCTTTTCTTCTCTCTCTTTAAAAAAGGACCGCAGG
 AAAGCGGCCCTCGTGCCCGCCCGCCCTGCTTCTCCACTCGGCCGATGGAGCATACTACGAGCGTCTGG
 TGGGCGCTCTGGCGTCCGCGTTGAGCCAGATGCCACTGCGCGTTGCCGTGGACCTGTGGAGCCGCCGGA
 GCTGACCGCGCACGGAGCCCTGGCTGGTTCACCAGCAACGGCGCCGACCCCTGCAGGAGGATGGCGTG
 GCATACTTCTTCTCACCCGCGCCGTGGCGCAGTGTGAGCAGTGGCTGCAGTCCAGACGGTGGAGC
 CCGGGCCGATGACGCTCTGGCCGCTGGCTCAGCTGCGTGTGCCCGATTTCTGCAAGGCCAGGCGAC
 CGGCCGCTACGTGCGGGTCTACTTTGACGGGCTGCTGCACCCAGACACTGTACCCGCCCTGTTCCGCGTC
 GCGCCGCTCTTCTCCCTGCCCTCGCAGCTGCCGCGCTTCTGGATGCACTGCAGGGAAGCAGCTCCCACT
 CCCCCGGCGACCTGCGGACAGGGCGGAACGAGTGGCCAGGCGCTGCTGTCCGCCCTAGACAGCTGTAC
 T

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >RR217094 representing NM_001170565
Red=Cloning site Green=Tags(s)

MPVPWFLLSLALGRSPVVVSLERLMEPQDTAHCSLGLSCHLWDGDVLCPLPGSIESAPGPVLVPTRLQTEL
 VLRCPQETDCALCVRVVVHLAVHGHWEPEEAGKSDSELQGPRNASLQAQVYVLSFQAYPIARCALLEVQV
 PADLVQPGQSVGSAVDFCFEAGLGAEVRIWSYTKPRYQKELNVTQQLPDCRGLEVDQSIQSCWALPWLNV
 STDGDNVLLILDVSKEQKFGFLLYWDQAQGPLKSLLYKNLTGPNITLNHTDLVPCLCIQLWSQEPDSVR
 TSFCPFKKDPRHRNLWHMARLRVQSSGSWLLDTPCSLRTEVALCWQAPDQSPCQPLVPPMPQKNVTMNR
 PFEFPLVKEHPNLCVQVSSWEKVELQECLWADSLGPFKDDMLLVEMKTDLNDTSVCALEPSGCTPLPSVA
 STRAARLGEQLLLDFRTHQCMQLWDDDLGSLWACPMDKYIHKRWLVVLAACLLAAALFFLLKDRR
 KAAPRARALLHSADGAYYERLVGALASALSQMPLRVAVDLWSRRELTAHGALAWFHQQRRTLQEDGV
 VILLFSPAAVAQCQWLQLQTVPEPGHDALAAWLSCVLPDFLQGGQATGRYVGVYFDGLLHPDTPALFRV
 APLFSLPSQLPAFLDALQGSSSQSPGRPADRAERVAQALLSALDSCT

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites:

SgfI-MluI

Cloning Scheme:



ACCN: NM_001170565

ORF Size: 2031 bp

OTI Disclaimer: 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_001170565.1](#), [NP_001164036.1](#)

RefSeq Size: 2322 bp

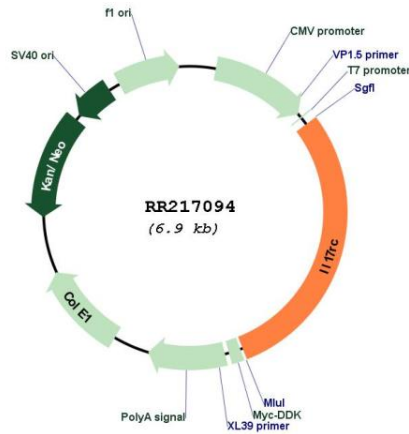
RefSeq ORF: 2034 bp

Locus ID: 297520

Cytogenetics: 4q42

MW: 75.3 kDa

Product images:



Circular map for RR217094