

Product datasheet for **RR210480**

Il17ra (NM_001107883) Rat Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Il17ra (NM_001107883) Rat Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Il17ra
Synonyms:	Il17r
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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ORF Nucleotide Sequence:

>RR210480 representing NM_001107883
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCGACTCCGCGCCGCTGGCCACGGGTCGTCGCCGGGCCCGCGCTGGGATGGCTGCTTCTGCTGTTGA
 GCGCGCTGTTCCGGGGCCGCGCCTCCCTGCGCCTCCTCGACTTCCCGGCTCTAGTCTGCTCGCAGGAGGG
 GCTGAACTGCAGAGTCGAGAATAGTACTTGCCTGGATGACAGCTGGATTTACCCTCGAAACCTGACGCCG
 TCTTCCCCGAAAAACATCTATCTCCATCTGAACGTTTCGTCTACCCAGCACGGAGACCTAGTCCCTGTGT
 TGCACGTTGAGTGGACCTTGACAGACAGATGCCAGCATCCTGTATCTCGAGGGTGCAGAGCTGTCCATCCT
 GAAGCTGAACACCAATGAGCAGCTGTGTGTCAAGTTCAAGTTTCTGTCCAAGCTGTCGAATCATCATAAG
 CGGTGGCGGTTCTCCTTCAGTCACTTCGTGGTAGATCCTGGCCAGGAGTATGAGGTGACTGTTACCACC
 TGCCCAAGCCCATCCCTGACGGGACCCAAACCACAAGTCCAAGACCATCTTAGTGCCTGGCTGCGAGGA
 CACGGAGATGAAGATGACTACACCGTGTGTGAGCTCAGGCAGCCTTTGGAACCCCAACATCACAGTGGAG
 ACCTTGGACACCCAGCATCTTCGAGTGGACTTACCCTGTGGAATGAATCCACCCCTACCAGATCCTGC
 TGGAAAGTTTTTCGGGCTCAGAGAACCAGAGCTGCTTTGAAGACATTAACAGATATCTGCGCCCGGACA
 GGAGGAATTCACCAGCGATCCAATGTCACATTACTCTGAGCAAGTCTGGCTGGTGTGCCACCACCTC
 GTGCAGGTCCAGCCCTTCTTCAACAGCTGCCAAAATGACTGCTTGAGACACGCTGTGACTGTGCCCTGCC
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 GGTGCTGATCAAGAGAAACATGGAGATGACTCCAAAGTCAATGGCATCTTGCCAAACAACAGACCTGACTC
 CCCACCCCTGCAGCCAGGAAGTCTGGATCGTCTACTCGGCTGACCACCCCTCTATGTGAGCTGGT
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 CCAGACTTCAAGAGGCCAGCCTGCTTCGGCACCTACATTGTTTGTACTTTCAGTGGCATCTGTAACGAGA
 GGGATGTCCCGACCTCTTCAACATCACCTCCAGGTACCCACTTATGGACAAATTTGAGGAGGTTTACTT
 CCGGATCCAGGACCTGGAGATGTTTGAACCTGGCCGGATGCACCATGTCAAAGAGCTCACAGGGGAAAAT
 TACCTGCAGAGCCCTAGTGGCCGACGCTCAAGGAGGCTGTGGTTAGGTTCCAGGAGTGGCAAACCCGGT
 ACCCCGACTGGTTTGAGCGAGAGAACCTCTGCTTAGCAGGTGACCAAGACCTTCCATCCCTGGATGAGGA
 AGTGTGTTGAAGACCCACTGCTGCCACCAGGGGGAAGAATCGTCAAACAGCAGCCCTGGTGCGGGAGCTG
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 GCCGAGGACGGCGAGGCTTGCCCGCTGCTTGGGGTCCGGAGGAACAGCATCCTTTGCCTCCCATGGACT
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 CTAATCCTGCTACT

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >RR210480 representing NM_001107883
 Red=Cloning site Green=Tags(s)

MATPRRWPRVPGPALGWLLLLLSALFRGRASLRLLDFPALVCSQEGLNCRVENSTCLDDSWIYPRNLTP
 SSPKNIYLHLNVSSTQHGDLPVVLHVEWTLQTDASILYLEGAEL SILKLNTEQLCVKFKFLSKLSNHHK
 RWRFSFSHFVVDPGQEYEVTVHHLPKPIPDPNPKSITILVPGCEDTEMKMTTPCVSSGSLWNPNIIVE
 TLDTQHRLRVDFTLWNESTPYQILLEFSGSENGSCFEDIKQISAPGQEEFHQRSNVTFTLKSGWCCHHL
 VQVQPFNFNSCQNDCLRHAVTVPCPVISETPVSITAADYIPLWVYGLITLIAILLVGSVILLIICMTWRLS
 GADQEKHGDDSKVNGILPTTDLTPPPLQPRKVIIVYSADHPLYVDVVLKFAQFLITACGTEVALDLLEEQ
 TISEMGVMTWVSRQKQEMEEESGSKIIVLCSRGRTRAKWKAILGWAEPVQLRCDHWKPAAGDLFTAAMNMIL
 PDFKRPACFGTYIVCYFSGICNERDVPDLFNITSRYPLMDKFEEVYFRIQDLEMFEPGRMHHVKELTGEN
 YLQSPSGRQLKEAVVRFQEWQTRYPDWFERENLCLAGDQDLPSLDEEVFEDPLLPGGRIYKQQLVREL
 PSEGCLVVDVCAREEESGVVLEPQLWPQRQLMAQTLQTLVLPTEQVPAAHVVEPVRLLDGTGAATQLAI
 AEDGEACPLLGVRRNSILCLPMSDDSPCLSTPMMSPDHLQGDAREQLESLMLSVLQHSLSAQAEQGWPR
 PEVVLKDCMPSEEEQRQSVQSDQGYISRSSPQPPDWLTEEELELGESESLSPEELRSLRSVQRRLFFW
 ELEKNPGWDSRQEQKISLPPGPPNPAT

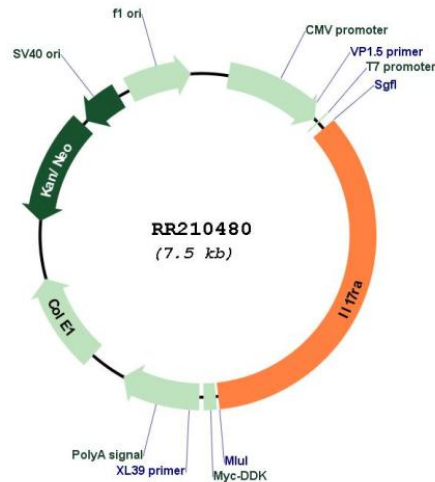
TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites:

Sgfl-MluI

Cloning Scheme:



Plasmid Map:


ACCN: NM_001107883

ORF Size: 2604 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_001107883.2](#), [NP_001101353.2](#)

RefSeq Size: 3845 bp

RefSeq ORF: 2607 bp

Locus ID: 312679

Cytogenetics: 4q42

MW: 97.9 kDa