

Product datasheet for **RR211814**

Il9r (NM_017021) Rat Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Il9r (NM_017021) Rat Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Il9r
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



[View online »](#)

ORF Nucleotide Sequence:

>RR211814 representing NM_017021
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCGCGATCGCC

ATGGCCCTGGGAAGATGCTTTCCAGAAGGTTGTACCGTGGAGGGAGCAGCAGTGAACAGGTCTCCTGGT
 TCCTGATCTACAGCTGTGTCTGCTCCTGTGTCTGCTGGGAGTCTCCGTCAGCCAGCAGGAAGGAGGGCG
 GAAGGCTGGGACATTCACCTTGCTTCAGCAACAGTGTTCAGGATTGACTGTCAGTGTGCTCAGCTCCAGAG
 CCTGGCTCCAGGGCCTGGCTCCTCTTTACCAGTAACCAGGGGACTGACATCAAGCACAAGTGACACCTTCT
 GGGACAGTAGGTGTACCCTGGTGTGCCAAGGAGGAGGCGTTCTTGCCCTTTGACAACCTCACCATCAC
 ACTCCACCCTGTGTATGGGACAGGAGCAGGTGACCTGGTGGACTCACAGTATCTGCCGAGGAGACAC
 ATCAAGCTGGATCCGCCCTGTATCTGCAGAGCAATGTCAGCTCTGGGCGTTGCGTCTGACCTGGGGTA
 TCAGTTTTGGTCTGGAGCCCTTGATCACATCCCTCAGCTATGAGCTGGCCTTCAAGAGGCAGGAAGAGGC
 CTGGGAGCAGGCCCGCTCAAGGACCGTATCGTTGGAGTGACCTGGCTCGTACTTGAAGCCATCGAACTG
 AATCCCGATACCATCTACGAGGCCAGACTGCGTGTCCAGATGGCGTTAGAGAGTTATGATGACAAGACGG
 AGGGGGAATATTATAAGAGCCATTGGAGCGAGTGGAGCCAGTCCGTGTCTTTCTCTCCCGCAGGAA
 GACTCAGGGGCTCCTGATCCCACGCTGGCAGGGGTGAGCCAGCATCCTTGTGTGTGCCATCTTTCTT
 CTGCTGACTGGCCTTATCCACTTCTCTTTCAGGCTGTCTCCCAAGGTGAAGAGAATCTTTTACCAGAATG
 TTCCCTCTCCCGAGGCATTTCCATCTCTCTACAGTGTGTACCATGGGACTTCCAGACCTGGATAGG
 GGCCCGCAGAGCCGACCACAAGCAAGACAGGATGGTGCCAGCGCTCCGTGGGAGACTCAGAGTCCAGC
 ATCTGGGAGGCCATCGCCACACTCACCTATAGCCAGCATGCTCTGTGCAGTTTCTAGCCTGAAGTGGG
 AGGCCACAGCCCTGGCTTCCCAGGACCCAGGCTCAGAGCTTGTGCTGCCGGCAGGCTGTGGAGTT
 GGAAGGACAGCCATCTGCCTACCTGCCCGCAGGAGGACTGGGCCCACTGGGCTCTGCCAGGCCGCCCT
 CTAGACTCAGACAGTGGCAGCAGTACTACTGCATGCTGGACTGCCGTGAGGAGTATGACCTCTCAGTCT
 TCCCAGAACACACCCTGAGTCCCGAGTTCACACTGGCTCAGCCTGTGGCCCTGTGTGTCTAGCAGGGC
 C

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RR211814 representing NM_017021
 Red=Cloning site Green=Tags(s)

MALGRCFPEGCTVEGAAVKQVSWFLIYSCVCSVCWGVSVPAQEGGRKAGTFTCFSNSVFRIDCHWSAPE
 PGSRAWLLFTSNQGTDIKHKCTFWDNRCTLVLPKEEAFLPDFNFITLHRCVMGQEQVSLVDSQYLPRRH
 IKLDPPSDLQSNVSSGRCVL TWGIFSFGLEPLITSLSYELAFKRQEEAWEQARLKDRIVGVTWLVLEAIEL
 NPDTIYEARLRVQMALESYDDKTEGEYKSHWSEWSQSVSFPSPRRKTQGLLIPRWQGSASILVAVPIFL
 LLTGLIHFLFRLSPKVKRIFYQNVPSPEAFFHPLYSVYHGDFQTWIGARRAGPQARQDGASAPSGDSESS
 IWEAIAATLTYSPACSVQFPPLKWEATAPGFPFPPGSELVLPAGCLELEGQPSAYLPQEDWAPLGSARPPP
 LDDSDSGSSDYCMLDCREEYDLSVFEHTLSPEFTLAQPVALAVSSRA

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

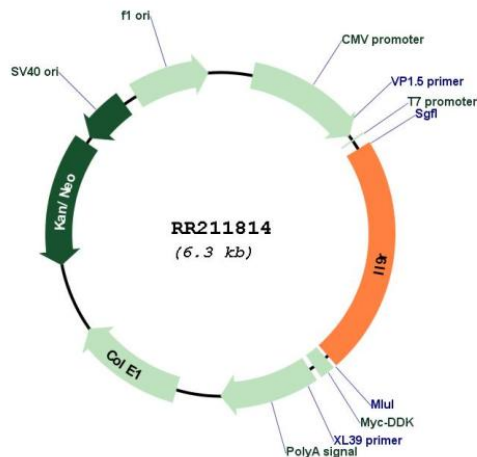
Restriction Sites:

Sgfl-MluI

Cloning Scheme:



Plasmid Map:



ACCN: NM_017021

ORF Size: 1401 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_017021.1](#), [NP_058717.1](#)

RefSeq Size: 3692 bp

RefSeq ORF: 1404 bp

Locus ID: 24500

Cytogenetics: 10q12

MW: 52 kDa

Gene Summary: a cytokine receptor for IL9 [RGD, Feb 2006]