

Product datasheet for **MG218417**

IL9r (NM_008374) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	IL9r (NM_008374) Mouse Tagged ORF Clone
Tag:	TurboGFP
Symbol:	IL9r
Synonyms:	MGC130502
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)



[View online »](#)

ORF Nucleotide Sequence:

>MG218417 representing NM_008374
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGGCCCTGGGAAGATGCATTGCGGAAGGTTGGACCTTGGAGAGAGTGGCGGTGAAACAGGTCTCCTGGT
 TCCTGATCTACAGCTGGGTCTGCTCTGGAGTCTGCCGGGAGTCTCGGTCCCAGAGCAAGGAGGAGGAGG
 GCAGAAGGCTGGAGCATTACCTGTCTCAGCAACAGTATTTACAGGATCGACTGCCACTGGTCGGCTCCA
 GAGCTGGGCCAGGAATCCAGGGCCTGGCTCCTCTTACCAGTAACCAGGTGACTGAAATCAAACACAAAT
 GCACCTTCTGGGACAGTATGTGTACCCTGGTGTGCCTAAAGAGGAGGTGTTCTTACCTTTTGACAACTT
 CACCATCACACTCACCGCTGCATCATGGGACAGGAACAGGTGAGCCTGGTGGACTCACAGTACCTGCC
 AGGAGACACATCAAGTTGGACCCACCCTCTGATCTGCAGAGCAATGTCAGCTCTGGGCGTTGTGCTCTGA
 CCTGGGTATCAATCTTGCCCTGGAGCCATTGATCACATCCCTCAGCTACGAGCTGGCCTCAAGAGGCA
 GGAAGAGGCTGGGAGGCCCGGACAAGGACCGTATCGTTGGAGTGACCTGGCTCATCTTGAAGCCGTC
 GAACTGAATCCTGGTTCCATCTACGAGGCCAGGCTGCGTGTCCAGATGACTTTGGAGAGTTATGAGGACA
 AGACAGAGGGGAATATTATAAGAGCCATTGGAGTGAGTGGAGCCAGCCCGTGTCTTCTTCTCCCA
 GAGGAGACAGGGCCTCCTGGTCCCACGCTGGCAATGGTCAGCCAGCATCCTTGTAGTTGTGCCCATCTTT
 CTTCTGCTGACTGGCTTTGTCCACCTTCTGTTCAGCTGTACCCAGGCTGAAGAGAATCTTTTACCAGA
 ACATTCATCTCCCGAGGCGTCTTCCATCCTCTACAGTGTGTACCATGGGGACTTCCAGAGTTGGAC
 AGGGGCCCGCAGAGCCGACCAAGCAAGACAGAATGGTGTGAGTACTTATCAGCAGGCTCAGAGTCC
 AGCATCTGGGAGGCCGTGCCACACTCACCTATAGCCCGCATGCCCTGTGAGTTTGCCTGCCTGAAGT
 GGGAGGCCACAGCCCGGGCTTCCAGGGCTCCAGGCTCAGAGCATGTGCTGCCGGCAGGTTGTCTGGA
 GTTGAAGGACAGCCATCTGCCTACCTGCCCCAGGAGGACTGGGCCACTGGGCTCTGCCAGGCCCTCT
 CCTCCAGACTCAGACAGCGGCAGCAGGACTATTGCATGTTGGACTGCTGTGAGGAATGCCACCTCTCAG
 CCTTCCAGGACACCCGAGAGTCTGAGCTCACGCTAGCTCAGCCTGTGGCCCTTCTGTGTCCAGCAG
 GGCC

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA

Protein Sequence:

>MG218417 representing NM_008374
 Red=Cloning site Green=Tags(s)

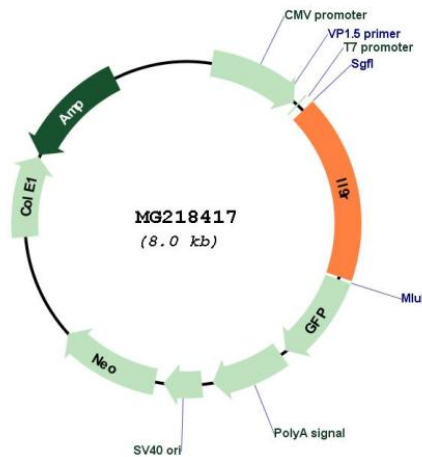
MALGRCAIEGWTLERVAVKQVSWFLIYSWVCSGVCRGVSVPEQGGGQKAGAFCLSNSIYRIDCHWSAP
 ELGQESRAWLLFTSNQVTEIKHKCTFWDSMCTLVLPKEEVFLPFDNFTITLHRCIMGQEQVSLVDSQYLP
 RRHIKLDPPSDLQSNVSSGRCVLTWGINLALPLITSLSYELAFKRQEEAWEARHKDRIVGVTWVILEAV
 ELNPGSIYEARLRVQMTLESYEDKTEGEYKSHWSEWSQPVSPQRRQGLLVPRWQWSASILVVPVIF
 LLLTGFVHLLFKLSPRLKRIFYQNIQSPFAFHPLYSVYHGFQSWTGARRAGPQARQNGVSTSSAGES
 SIWEAVATLTYSAPCVQFACLKWEATAPGFPGLPGSEHVLPAGCLELEGQPSAYLPQEDWAPLGSARPP
 PPDSDSGSSDYCMLDCCEECHLSAFPGHTEPELTLAQPVLPVSSRA

TRTRPLE - GFP Tag - V

Restriction Sites:

Sgfl-MluI

Cloning Scheme:

Plasmid Map:


ACCN: NM_008374

ORF Size: 1404 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_008374.2](#), [NP_032400.1](#)

RefSeq Size: 3083 bp

RefSeq ORF: 1407 bp

Locus ID: 16199

UniProt ID: [Q01114](#)

Cytogenetics: 11 A4

Gene Summary: This is a receptor for interleukin-9.[UniProtKB/Swiss-Prot Function]