

Product datasheet for **RN207090**

Il4r (NM_133380) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Il4r (NM_133380) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Il4r
Synonyms:	Il4ra
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN207090 representing NM_133380
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGGGTGGCTTTGCACCAAGTTCTGTCTCCGTGAGCTGTCTGATTTTCTATGGGTGACTGGCTCTG
 GGGGCATCAAGGTCTGGGTGACCCACCTGCTTCTGACTACATCCGCACTTCTACGTGTGAGTGGCA
 GCTGGATAGCACTGTGGACTGCAGTTCTCAGCTCCTCGGACTACAGGCTGCTCTTTGAGTTCTCTGAA
 AACCTCACATGCACCCCAAGAACAGTGCCGACACCGTGTGTGTGCCAAATGGCCATAGAGGAGCCGA
 TCCAGGCAGACATACTGGCTGGAAGTGGTCTGAGCGGGGACAGCTGTGGCAAGGCTCCTTCAAGCC
 TAGTGACAATGTGAAGCCCCAGCTCCAGACAACCTCACACTCCACACCAATGTCTCCAATGCGCTGCTG
 CTGATGTGGAGCAACCCATACCCATCGAACAACTTCTGCACAAAGGCCTCATCTGCATGGTCAACATCT
 CCAGAGAGGACAACCCGGCGGAATCAAAGTCTATAATGTGACCTACACGGAACCCAAGCTGAGCTTCCC
 AGTCAACACCCTAACATCAGGGGTGCGCTATAGGGCACGTGTGAGGGTCTTGTCCAGAGCTTCCCTGGC
 ATCTGGAGTGAGTGGAGTCCCAGCATCACGTGGTACAACCACTTCCAGCTGCCCTGCTGCAGCGCTCC
 CGCTGGGTGTCAGCATCTCCTGCATCTGCATCCTATTGTTTTGCCTGACCTGTTACTTCAGCATTATCAA
 GATTAAGAAGATATGGTGGGACCAGATCCCCTCCAGCACGAGTCCCTTAGCAGCCATCATCATTAG
 GACACGAAGGTGTCCCTCTGGGAGAAGCAGACCCGAAGCCAGGAGTCAACCAAGAGCCGGCACTGGAAGA
 CTTGTCTAACCAAGTGTGCTGCCCTGCTTGTCTGGAGCATAGAGTGAAGAAAGAGAGAGAATCCCCGAAGGC
 TGCCAAAACCAAGCCTCTCCAGAGTCTGAAAAGCAGGCTGGTATCCTGCGGAGGTGAGCAGGACCGTC
 CTCTGGCCAGAGAAGCTTCAATGTGAGTGGTGGCTGTATGGAGTGTGTTGAGGCCCAAGTACAGAATG
 TGGAGGAGAAGAGGATGAGATGGTCAAAGGGGACCTGAGCATGTCACCTGAGAACAGCGGAGGGGCTT
 CCAGGAGAGTCAGGCAGACATCATGGCCCGGCTCACTGAGAACCTGTTTTCAAGACTTGTGGGGCTGAG
 AATGGAGGCGTTGGCCAGTCGAGCATGGCAGAGTCATCCTCCCTTCTGCCTTCAAGAAAGTGGCAAGCTT
 CTACGTCTGGGCTGCTTCCCCACGGGGCCAGTGAGACCACATGCCAGGTACAGGGCAGCAGCCTCC
 ACACCCAGACCCTGAGAGAGCAACTGGCACAGCCTGCACACAGGTCCCCCTTGTCAATTCAGACAATCCT
 GCCTACCGGAGTTTTAGTGACTTCTCCAGCCCCGCCAAATCCTGGAGAGCTGGCTTCAAGACAGAAGC
 AGGCTGGACATCTGGAAGAAGGGGATCTTCTGAGCCCGGTTGACCCCATTTCTCAGGGCCACCAATGCA
 GCAAGCGGAGAGCTGGGAGCAGATCCTTACATGAGTGTCTGCAGCACGGGACAGCTGGCTCCACCCCA
 GCCCTACAGTGGCTACCAAGAGTTTGTGAGGCAAGTGAAGCAGGGTGGTCCCAGGACGCTGGGGTGC
 CTGGTGTGCGGCCCTTCTGGAGACTGTTACAAGGCTTCTCGAGCCTGCTCAGCAGCAGTGGCGTCTG
 CACGGACACAGCAGCAGCAGGGACTGACAGTGGATGTGGAGGGTACAAGCCCTTCCAGAACCCTGTTCTT
 AACAGTCCCCAACTCCATGCCCTTATTCACCTTCGGACTGGACATGGAGCTGCCACCCAGTCCCCTGA
 ACTCAGCCCCACCAATAGCACCCAGAAATGCCTTGGTCTAGAGCTGGGGCTCAAAGGAGGCACCTGGCT
 GAAGGCCCTCCTCCTTCAAGCAGGTGCCAAGCCCTTGGGGATGACCTGGGCCTTGGCATTGTGTAC
 TCGTCCCTCACCTGCCATCTGTGTGGCCACCTGAAGCAACACCACAGCCAGGAGGAAGATGGTCAGATCC
 ATGTCGTTGCTAGCCCTGGCTGCGGCTGTTGCTATGATGAAAAATCACCATCCTTGGGGAATCTCTCGGG
 GACCTTGGAGAGCTGTCTGGGAAATGTCACAGGAAGCCAACCTCACCTTAGCACCCAGGACACCCTCC
 AATTTGTCAAGGGTGGCAAGGGCCCTGGCCACTCTCTGTTCCAGCCAGACTACTGAGGTACCTGTGG
 GCACTCTGGGCGTCACTGTGTCT**TAG**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-Mlul
ACCN: NM_133380
Insert Size: 2406 bp

OTI Disclaimer:	Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
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:	<ol style="list-style-type: none">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_133380.2 , NP_596871.2
RefSeq Size:	3514 bp
RefSeq ORF:	2406 bp
Locus ID:	25084
UniProt ID:	Q63257
Cytogenetics:	1q36
Gene Summary:	a receptor for the cytokine IL-4 [RGD, Feb 2006]