

Product datasheet for **RR216862**

Ifnlr1 (NM_001191868) Rat Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ifnlr1 (NM_001191868) Rat Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Ifnlr1
Synonyms:	Il28ra; RGD1562689
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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ORF Nucleotide Sequence:

>RR216862 representing NM_001191868
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGTGGCGGGCTGGCCGGTGGGCGCCCTACTCCTGTTCCTGATGCAAAGCGCCCTAGGAAGCCCCGTC
 TAGCCCCACCCAGAAACGTGACACTGCTCTCCAGAATTTCACTGTTTACCTGACATGGCTCCAGGGCT
 AGGTAGCCCCCGAATGTGACCTACTTTGTGACCTACAAAAGCTATAACAATCATTGGCGAAGAGTAGAG
 CATTGTGCGGGCATCAGTACTCTGGTGTGTCCCATGATGTGCCTGAAGAAACAGGACCTGTACATCAAGT
 TCAAAGGTCGAGTACAGGCAGCTTCTGCCCATGTGAAGTCCCATGGGTGGAGTCCAGGTACCTGGAATA
 CATTTTTGTGATGTGGAGCTAGCCCCACCCACCTGGTGTCTCTCCAGAAGGAGAAGATCCTAAATGTCAAC
 GCTACCTACCAGCTGCCACCTGCATGCCTCGGTACTGGAAGTGAAGTACCAGGTGGAGTTCTGGAAGG
 AGGACCTGAGAAGCAAGACCCTGTTCCAGACACTCCATATGGCCAGCCAGTGAAGATTCCTCTCCAGCA
 AGATGCTCGTGGACGCCACTGCTTCAGCGCCAGAACCCTATACCTTAACCCACACGAAGTACAGCCTG
 TTCTCTGAGCCCAGCTGCATCTTCTAGCGGCCCCAGGGGCCAACAGGGCTGTCTGGCGGTGCCCTTAC
 TCTTGCTTCTACTGATAGCAGCGGCTGCAGCGGTACGGCATGGAAGAAAATGGATGGGAACCCCTGGTT
 TCAGTGGGTGAAGATGCCCCAGGCACTGGACTTTTCTGAAAACAGACACCCAGTGGCGACCTTTCAGCCC
 AGTGGACCTGAGTTCTCAGGTGACTTGATCCTCTGTCCCAGAAGGAAGTACCATAAGGACCAGACCAG
 TCCCTCGGGTCAGAGGCCAGCCACACTGCAGGCAGGATCAGAAAAAGACAGTACTGAGGATGAAGACGA
 GGACACAGACGACGCGGTGACAGCATCCAGCCCTACCTGGAACGGCCCTTTCGTGAGGGAGAAGCTC
 CAGGTTACGGAGCACTCAGAGGCAGATGAATCTGGGTGGATTGAGTTGGGAGCGAAGGCTCGTCTGCAT
 GGGACTTTCAGGTGGGAGCTGGTCCAGCACAGGGGTCTCCTCAGGGGACTCCTCTATAAAGATGAAGC
 TGGATCTTCCAGCTGTTTGGACCAGAAGAAGCCAGACCAGGAGCCTCATGGGGATGGGCACCCAGGGGCT
 TCCCATGCCTGGAATTTTCTGAGGACTTGGGCACTGTGGAAGAGCTTCTGAAAGATGACCTCTCCGGTT
 GGAGAATATGGGGTACCTTATCCCCAAAGAGAGATCTGGCTCCTGTGGAGCCCCAGTTTCTCTTACAGC
 ACTGACTTTCTGCTGGGACAGCAATCCAGAGGAAGAGGAAGAGGAAGAGGAGGAGGAGGAAGAGGAA
 GAGGAAGAGGAAGAAGACTGGGAATCAGACCTTAAGGACAGCAACACCAGCTGTTGGGATGCTTCAAGCC
 CGCAGAGGACAGACGTCAGGGTGGGATGCTGGGAGATTACATGGTCAGG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RR216862 representing NM_001191868
 Red=Cloning site Green=Tags(s)

MWRAGRWAPLLLLFLMQSALGRPRLAPPRNVTLISQNFVYLTWLPGLGSPPNVTVFYVTKSYNNHWRRVE
 HCAGISTLVCPMMCLKKQDLYIKFKGRVQAASAHVKSPWVESRYLEYIFDVELAPPTLVLSQKEKILNVN
 ATYQLPPCMPRSLELKYQVEFWKEDLRSKTLFPDTPYGPVKIPLQQDARGRHCFSARTVYTLTHTKYSL
 FSEPSCIFLAAPGANRAVLAVPLLLLLLIAAAAAGTAWKMDGNPWFQWVKMPQALDFSENHRPVATFQP
 SGPEFSGDLILCPQKELTIRTRPVPRVRGPATLQAGSEKDSTEDEDTDDDDGDSIQPYLERPLFVREKL
 QVTEHSEADESGVDSVSGSEGSSAWDSSGGWSSTGVSSGSSYKDEAGSSSLDQKPKDQEPHGDGHQGP
 LPCLEFSEDLTGVEELLKDDL SGWRIWGLSPKRD LAPVEPPVSLQTLTFCWDSNPEEEEEEEEEEEEEEE
 EEEEEEDWESDLKDSNTSCWDASSPQRTDVRGMLGDYMR

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites:

Sgfl-MluI

Cloning Scheme:

Cloning sites used for ORF Shutting:

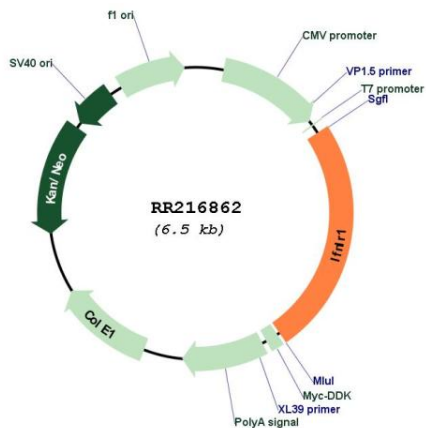


* The last codon before the Stop codon of the ORF

- ACCN:** NM_001191868
- ORF Size:** 1590 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_001191868.1](#), [NP_001178797.1](#)
- RefSeq Size:** 1593 bp
- RefSeq ORF:** 1593 bp
- Locus ID:** 362628
- Cytogenetics:** 5q36

MW: 59.6 kDa

Product images:



Circular map for RR216862