

Product datasheet for **RR213360**

Il18r1 (NM_001106905) Rat Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Il18r1 (NM_001106905) Rat Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Il18r1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

ORF Nucleotide Sequence:

>RR213360 representing NM_001106905
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGCATCATGAAGAATTAATCTTGATACCTTTGTGTTCTCGTTGTTAAAAGTGCCCGAAAAGTTGCATTC
 GCCGGTCGCAAATTCACGTAGTAGAGGGAGAGCCTTTTTATCTGAAGCCCTGTGATATGTCTGCACCCAT
 GCATAACAATGAGACAGCCACCATGAGATGGTTCAAAGGCAATGCTTCACATGGCTACAGAGAGCTGAAC
 ATGAGAAGCTCGCCAGAATCGCTTTTCATGGTCACGCTTTGGAATCTGGCCAGTTGAGCTGGAGGACA
 AGGGAACGTACTTTCTCAAGTGGGAAATGATCGTCAAATTTGGACCTTAAATGTCACCAAAAAGAAACAA
 ACACAGCTGCTTCTGAGAAGCTTGTGACGAACAGAGATGTGGAGGTTAAGAAATCTCTGTGGATTACC
 TGTGAAAATCCTAGCTATGGAGAGCTGATCAACCACACGTTGCTGTATAAGAACTGTAAGGAAATATCCA
 AAACCCCAATGATCCTGAAGGATGCCGAGTTTGGAGATGAAGGTTATTACTCCTGCGTGTTCCTGTCCA
 CCATAACGGGCAACAGTACAACATCACCAAGACTGTCAATATAACGGTTATTGAAGGGAACAGTAAATA
 ACTCCGGCTATTTTTGGATCAAAGTCTGCGAAGGTTGGTGTAGAAGTACTAGGAGAAGATGTGGAGCTGAACT
 GCAGTGTCTGTGCTGAATAGAAATGATCTGTTTTATTGGAGCATCAGGAAAAGGACAGCTTAGACCCATA
 CGTGATGAAGACAGGAACGAGACAACATGGACTTTTGAAGGCAAATTCATGCTTCAAAAATCCTGAGA
 ATTCAGAAAAGTTACAGAAAAATATCTCAATGTTTTATATAATTGTACCGTGGCCAACGAAGAAGCCACAG
 ACACCAAAAGCTTCATCTTGGTGAGAAAAGAAACACCTGACATCCAAGGCCATGTCTTTATGAGAGGAAT
 AACCATGGTTGTTCTCACCTCTGTGGCAGCAGTGTGCGTGGTGTATTTGTGCATCATTTATAAAGTTGAT
 TTGTTTTATTCTATAGACGTGTAGCAGAAAGAGACGAGACACTAACAGATGGTAAAACATATGATGCCT
 TTGTGTCTTACCTGAGAGAGTGTATCCTGAGAATGGAGAAGAGTACACTTTTGTGTGGAGAGCTTACC
 CAGGGTCTGGAGAAACAGTTTGGCTATAAGTTGTGCATATTTGAAAGAGATGTGGTGCCTGGTGGAGCT
 GTCGTTGATGAGATCCATTCAGTATAGAGAAAAGCCGGAGGCTAATCATCGTCTCAGCAAGAGTTACA
 TGACTAATGGATCCAGGCTCGAGCTGGAGAGCGGACTCCACCAAGCACTGGTGGAGAGGAAGATTAATA
 AATCTTAATCGAGTTTACTCCAGCCAGCAACATCACCTTTCTCCCGCGTGTGAAACTCCTCAAGTCC
 TACAGAGTTCTGAGGTGGAAGGCTGACAAGCCACTCTCTCGAAATCACGATTCTGGAAGAATCTTCTTT
 ACCTGATGCCTGCCAAAGCCGTCAAGCCATGGAGAGAAGATCAGAGGCCCGGCTGTCTCTCAGCACC
 T

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RR213360 representing NM_001106905
 Red=Cloning site Green=Tags(s)

MHHEELILILCVLVVKSAPKSCIRRSQIHVVEGEPFYLKPCDMSAPMHNNETATMRWFKGNASHGYRELN
 MRSSPRIAFHGHAEFWPVELEDKGTYSQVGNDRQNWTLNVTKRKHSCFSEKLVNTRDVEVKKSLWIT
 CENPSYGELINHTLLYKNCKEISKTPMILKDAEFGDEGYYSVVFVHHNGQQYNIKTVNITVIEGNSKI
 TPAIFGSKSAKVGVELGEDVELNCSAVLNRNDFYWSIRKEDSLDPNVHEDRNETTWFEGKLHASKILR
 IQKVTEKYLNVLYNCTVANEATDTKSFILVRKETPDIQGHVFMRGITMVVLTSAAVCVVILCIYKVD
 LVLFYRRVAERDETLTDGKTYDAFVSYLRECHPENGEYTFAVETLPRVLEKQFGYKLCIFERDVVPGGA
 VVDEIHSLEKSRRLIIVLSKSYMTNGSRLELESGLHQALVERKIKIILIEFTPASNITFLPSSLKLLKS
 YRVLRWKADKPLSSSRFWKNLLYLMPAKAVKPWREESEARPVLSAP

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Chromatograms:

https://cdn.origene.com/chromatograms/ja3369_h03.zip

Restriction Sites:

Sgfl-Mlul

Cloning Scheme:


ACCN: NM_001106905

ORF Size: 1611 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_001106905.2](#), [NP_001100375.1](#)

RefSeq Size: 2436 bp

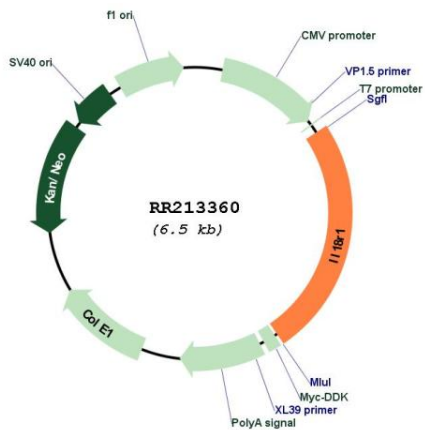
RefSeq ORF: 1614 bp

Locus ID: 301365

Cytogenetics: 9q22

MW: 61.6 kDa

Product images:



Circular map for RR213360