

Product datasheet for **RR211475**

Il27ra (NM_001105943) Rat Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Il27ra (NM_001105943) Rat Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Il27ra
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

ORF Nucleotide Sequence:

>RR211475 representing NM_001105943
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGAGCTGGCTCCGGTTGCACGCCTCAAGCCGTTGGAGCTTCTACTGCCGCTGCTACCACTGCTGCTCG
 GGACGCGGCCCATGGCAGTCCAGGCCACTGCAGTGCTACAGCGTTGGCCCTTGGGAATCCTGAACTG
 CTCTTGGGAACCTCTGGGCGACCTGGAGACTCCCCCTGTGCTGTATCACCAGAGTCAGAAATACCATCCC
 AATAGAATAAGGAGGTGAAGTGCCTTCCAGACAGAGCTGGGTGACCATTCCCCGAAACAGTTACCA
 CGGCTGACGAACTCCTCATCTGGGGACACAAGAAGGACAACCTCTGGCCCCCTGTCTGTGAACCT
 GGAGACCCAAATGAAGCCAGACACCCCCAGATCTTCTGTATGTGGACTTTTTAAGGAAGAAACCCTG
 GAGGCCATTGTGAGTGGGAACACCGAAGTGGCCACTGCATAAAGTCTCATCTGTCAGTTCGGGTACA
 AAAATGCCAGACTAAAGAGTGGACCCAGCTGGAGCCACAGCTGAAGACAGACCTGATGACTCCTATTGA
 GATGCAGAACCTGGAACCTGGCAGGGCTACCAGGTATCTGGCCGCTGCCAAGTGGAGAATGGATATCCA
 TGGGGCAGTGGAGCCCGACCTGTCTGCCGACGCCATTCTTGCTCCTGAAGATGTGTGGGTATCGG
 GGACCATCTGTGAAACATCTGGCAAACCGGCAGCCCTGCTCTTCTGGAAGACCCAGGACCTGTGTGCA
 AGTGACTTACACAGTCTGGCTTGGGTGCGGAGATGTTACTACAACCAAGAAGAGGTCCCCTGCTGCAAG
 TCCCCTATCCCTGCACAGATAGAGTGGGAGTGGTCTCTACTGGCAACCAGACCAGCTGGATGCCTCTCA
 CCAACCTGTCTTGGTGTGCTTGGCTCCAGAATCTGCCCCCTGTGATGTGAGAGTCAAGCAGTACTGACGG
 GAGCCCAGGATAAAGGTGACCTGGAACAAGAACTGGGAAACCATGGGCATACGTGGTAGACTGGGCT
 CAAGATGGTGCAGCCTGGACAAGCTCAACTGGACCCGCTCCCCCGGAAAACCTCAGCACTTTGTTAT
 CAGTGGCAGTCAAACCAAGACTGTCACTGCCCCAACCTTACTCGGGTCCCTCAAGCTGTGGGTGAT
 GGTGTCCACCGCTGCAGGACAGGGCCACCTGGTCCCAGCCTTCACTTACATACCAGATAATAGGATC
 AGGTGGAATTTCTGCCCTGGTTCTGTCCCTGTGGGCTTGTCTGTTGGGCTGTGGCCTGAGCCTGG
 CCCCTCCAGGTCCTGTGGCCAGGTGCTTATACCAGAGACACAAGTTGCTTCCCAATGGATCTGGGA
 GAGAGTTCCTGACCCTGCCAACAGCAATCTGGGCAACCTTACATAAAGGAGGTGAGCCTGCCCAACCA
 CCCAAAGACGGACCCATCCTGGAGGTAGAGGAAATGGAGCTACAGCCTGTTACAGAGTCCCCTAAAGCT
 CTGTCCCCTTACTCTGGGTATGAGAAACACTTCTGCCACACCAGAGGAGCTGGGCCTTCTGAGGCC
 TCCAGCCCCAGATTCTAGACTGTTCTGCTTCAGGC

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RR211475 representing NM_001105943
 Red=Cloning site Green=Tags(s)

MSWLRVARLKPLELLPLLLPLLLGTRPHGSPGPLQCYSVGPLGILNCSWEPLGDLETPPVLYHQSQKYHP
 NRTKEVKVPSRQSWVTIPRKQFTTADELLIWGTQEGQLLWPPVSVNLETQMKPDTPOIFSDVDFKEETL
 EAIQWEPKWPVLPKVLICQFRYKCCQTKWTLQEPQLKTDLMTPQIEMQNLPEPGTYQVSGRCQVNGYP
 WGEWSPDLSPFTPFLAPEDVWVSGTICETSGKPAALLFWKDPGPCVQVTYTVWLGVGDVTTTQEEVPCCK
 SPIPAQIEWAVVSTGNQTSWMPNLNLVCLAPESAPCDVRSSTDGSPGIKVTWKQETGKPPWAYVVDWA
 QDGDSDLKLNWTRLPENLSTLLSVSSQTKVTLPNLYSGPFKLWVMVSTAAGQGGPPGSLSLHIPDNRI
 RWKFLPWVLSLWGLLVGCGLSLAPRSLRLARCLYQRHKLLPQWIWERVPDPANSNSGQPYIKEVSLPQP
 PKDGPILVEEMELQPVTEPKASVPLYSYGEKHFLLPTPEELGLLRPPAPRVLDCSASG

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites:

Sgfl-MluI

Cloning Scheme:


ACCN: NM_001105943

ORF Size: 1647 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_001105943.1](#), [NP_001099413.1](#)

RefSeq Size: 2322 bp

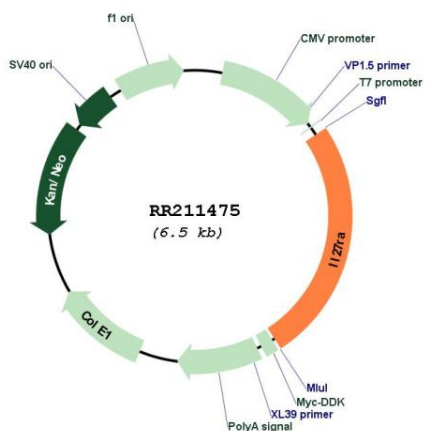
RefSeq ORF: 1650 bp

Locus ID: 288905

Cytogenetics: 19q11

MW: 61.4 kDa

Product images:



Circular map for RR211475