

Product datasheet for **RR206533**

Il20ra (NM_001107521) Rat Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Il20ra (NM_001107521) Rat Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Il20ra
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



[View online »](#)

ORF Nucleotide Sequence:

>RR206533 representing NM_001107521
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGCACACTCCTGAGACCCCGCGCCCGGCCCTGGCCCGCGCGCCCGCTGTGCCACGCTGCTTC
 TGCTGCTGGCAGCTTCGGGACGCGCAGTTCCTTACGCCTTCTGTGGTCTGCCTAAGCCTACAATATCAC
 CTTCTTGTCTATCAACATGAAGAAGCTCTGCACTGGAGCCGTCCAGAGGGTCTACACGGAGTCGAAGTC
 ACATACACTGTACAATATTTTATATATGGGCAGAGGAAATGGCTGAGTGCCTCTAAATGCACAAGTATCA
 GCAGGACCTACTGTGATCTTTCTGTTGAGACCTCGGACTATGAGCGTCAGTTCTATGCTAAGGTGAAGGC
 CATTGGGAGACCAGGTGCTCTGAATGGGCCGAGACAGAAGCTTCTATCCTTTCTTGGAAACACAAGTC
 AGCCACCAGAGGTTGCCCTGACGACTGGCGAGAAGTCCATCTCTATTGCCCTGACAGCACCAGAGAAGT
 GGAAGGAATCCACAAGACAGCCCTGTTTCTATGCAACAAGTATACCCCAACCTGAAGTACAACGTGTC
 TGTGTATGACACTAAGTCAGGAAGAAGCTGGTCCCAGTGTATACCAACAGCACACTGGTGTCTAGCTGG
 CTGGAACCCAGCACTCTGTACTGTGTCCTGTGGAATCCCTTGTCCCAGGGCCACTCGCCTCCCTCTGC
 CTTGGAAGCAATGCATCAGCACTTTGGAAGTCAAACATCAACATGGAAGGTTAAAGTCACTCTTCTGGTA
 TATCTTGGCCACATCTGTATTGTTTTCTTTCTCTGCGATTGGCTACTCAGCTTACCCTTACATCCAG
 GTTGGCAAAGAAAAACCCAGCAAATTTGGTACTGATTTATAGAAATGAAATTGGCAAAGAGTCTTCA
 ACCCTACTGAAACACTTCATTCTATCACCTCAGTACGTTGGATGATTCTAAAATTTCTCAAACAGATAT
 GAATTTACTGGACAGAAGCAGTATGAGGTCAGCGTAAACAACCTGAGTTCAGTGGGAGCTGGGAGCCA
 AACTGGGAGGACGAGAGGGCAACATTTAGGATACTCTTACATTTGGTGGACATTGTCTGTGGTGTGCG
 ACAAAAGCGACAGAGACACCTCCCTAACCCAGCACGCTGGTTCAACAGCCCCATGCCACAGGAGAAGC
 AGACTTTGAGCCTCAATACAAAGTCTTAGCTGACTTCTACAAGGAGGGTAGAGACCAGCAGTTCTGTGGG
 TCGGAAGAGGCAGCCAGAACAGAGAAATAGCTGAGCCACAGGCGACTTTAGCAAATTTAGACCCACAGC
 TCGAAGACCTACAACACCTGGGGCAGGAGCATCCTGGCTCAGAAGCTAGACCAGAGGAAGAGGCATCTAC
 AACGCTAGTGGATTGGGACCTCGGACTGGCAGGCTGTGTATCCCTTCTTACCTATCTTTGGCCATGAT
 CTGGAGAACTATGGGTGTTACGAGAGAGACCACCTCTCAGAGGATGGCCTTTTGTCTAGACTCTATGAGA
 ACCAGGCACCTGACAAGTCAGAGGAAGAAAATGAAAACATCTCATACAATTTATGGAGGAATGGGGCT
 ACACGTACAAATGGAAAGC

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RR206533 representing NM_001107521
 Red=Cloning site Green=Tags(s)

MHTPETPAPGRLAPRPPLLPTLLLLLAASGRAVPYAFGLPKPTNITFLSINMKNVLHWSRPEGLHGVEV
 TYTVQYFIYGQRKWL SASKCTSISRTYCDLSVETS DYERQFYAKVKAIWETRCSEWAETERFYPFLETQV
 SPPEVALTTGEKSISIALTAPEKWKRNPDSPVSMQQVYVYVYDTSKGRWTSQCITNSTLVLVSW
 LEPSTLYCVRVESLVPGPTRLPLPWKQCISTLEVQSTWVKVIFWYILPTSVIVFLFSAIGYSAYRYIQ
 VGKEKHPANLVL IYRNEIGKRVFNPTETLHSITLSTLDDSKISQTD MNLLDRSSDEVS VNNPEFSGSWEP
 NWEDAEGQHLGYSSHLVDIVCGVEQSDRDTSLTQHAWFNSPMPTGEADFE PQYKVLADFYKEGRDQFQCG
 SEEAARTEKLAEPQATLANLDPQLEDLQHLGQEHGSEARPEEEASTTLVDWDPRTGRLCIPSLPIFGHD
 LENYGCYERDHLSEDGLLSRLYENQAPDKSEENENYLIQFMEEWGLHVQMES

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites:

Sgfl-MluI

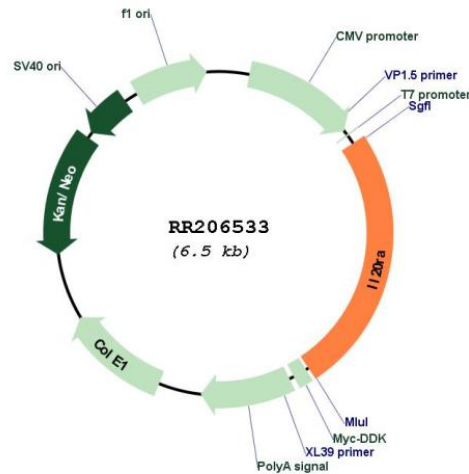
Cloning Scheme:

Cloning sites used for ORF Shutting:



* The last codon before the Stop codon of the ORF

Plasmid Map:



ACCN: NM_001107521

ORF Size: 1629 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_001107521.1](#), [NP_001100991.1](#)

RefSeq Size: 2065 bp

RefSeq ORF: 1632 bp

Locus ID: 308716

Cytogenetics: 1p12

MW: 61.8 kDa