

## Product datasheet for **RR216305**

### IL20rb (NM\_001173438) Rat Tagged ORF Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** IL20rb (NM\_001173438) Rat Tagged ORF Clone  
**Tag:** Myc-DDK  
**Symbol:** IL20rb  
**Synonyms:** IL20R2; RGD1566151  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**Cell Selection:** Neomycin  
**ORF Nucleotide Sequence:** >RR216305 representing NM\_001173438  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**GCGATCGCC**

ATGGTTTTCCAAGGAGTCTGGACAAGTCCGATCATGTGGTTTTTCTACAGCATGACCTCAGGTTTTCTCA  
 CTGATGGAGCGACCACTTCTGCCTGCCCCACAAACTTCTCTGTACGGTCAACCAACATGAAGCATCTGT  
 GATGTGGAACCCAGTGACCCAGCCGGGGAGACGGTATTCTATTTGTGCAGTACCAGGGGGAGTACGAG  
 AGCCTGTACATGAGTACATCTGGATCCCCAGCAGCCAGTGCTCACCTACCAAAGGTCTGGAGTGGCATG  
 TCACTGATGACGTCACTGCCACAGTGCCATATAACTTCAGGGTCACTGGCCATGCTGGGTTGCAATCTTC  
 AGCCTGGAGCAACCTGGAGCACCCCTTTAATCGGAATGCAACTGTTCTCACCCACCCAGGATGGAGGTC  
 ACTGAACATGGGCTGCATCTGGTTGTTGAGCTGGAAGACCTGGGGCCCCAGTTTGAATTCCTTGTGGTCT  
 ACTGGAGGATGGAGCCCGGTGCCGTGGAACGTGTCAAGGTGGTGGAGAGTGGGGACATCCGGTGACCT  
 AGAAACCATGGATCCAGGGGTCACTGTACTGCGTGAAGGCGCAGGCGCTGGTAAAACCATCGGGAGGCAC  
 AGTGCCTTCAGCCAGCCTACGTGTGGAGATGCAAGGAGAGTCTCTCCGCTGGCACTGGCTCTGTTTG  
 CATTGTGGCTTCGTGCTGATTCTGTGGTTGCACTGCTCTCCGTCTGGAAGATGGGCCAGCTGCTCCG  
 CTATTCTTGCTGCCCGCTGTTGCTTCTGACACCTTGAAAGTAACCAAGCTCATCCCAGAAGCTGATC  
 CGCTGCAGAAAGGAGGAGGTGGATGCCTGTGCCGTGACCGTGCTGCTCCTCGGAGCATCTCTTGGGGTCT  
 GGATCTCGCAGACT

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA



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**Protein Sequence:** >RR216305 representing NM\_001173438  
 Red=Cloning site Green=Tags(s)

MVFQGVWTSPIIMWFFYSMTSGFLTGDGATILPAPQNF SVRSTNMKHL LMWNPVTQPGETVFYFVQYQGEYE  
 SLYMSHIWIPSSQCSPTKGLECDVTDVATVPYNFRVMAMLSQSSAWSNLEHPFNRNATVLT PPRMEV  
 TEHGLHLVVELEDLGPQFEFLVYWRMEPGAVERVKVVRSGDIPVHLETMDPGVMYCVKAQALVKTI GRH  
 SAFSQPTCVEMQGESLPLALALFAFVGFVLILVALLSVWKMQLLRYS CCPAVLPLDTLKV TSSSQKLI  
 RCRKEEVDACAVTVLSSEHLFGWISQT

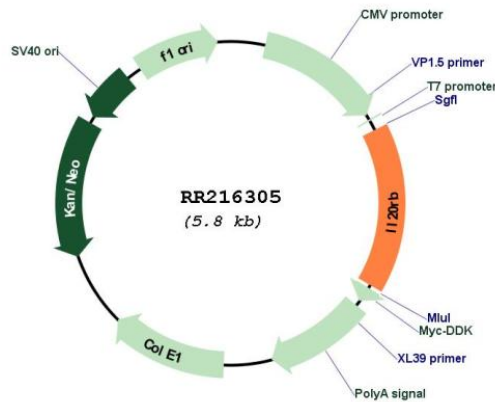
TRTRPLEQKLISEEDLAANDILDYKDDDDKV

**Restriction Sites:** SgfI-MluI

**Cloning Scheme:**



**Plasmid Map:**



**ACCN:** NM\_001173438

**ORF Size:** 924 bp

|                               |   |
|-------------------------------|---|
| <b>OTI Disclaimer:</b>        | 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. <a href="#">More info</a>  |
| <b>OTI Annotation:</b>        | This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.  |
| <b>Components:</b>            | 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).  |
| <b>Reconstitution Method:</b> | <ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol> |
| <b>RefSeq:</b>                | <a href="#">NM_001173438.1</a> , <a href="#">NP_001166909.1</a>   |
| <b>RefSeq Size:</b>           | 1107 bp   |
| <b>RefSeq ORF:</b>            | 927 bp  |
| <b>Locus ID:</b>              | 501043  |
| <b>Cytogenetics:</b>          | 8q31  |
| <b>MW:</b>                    | 34.5 kDa  |