

## Product datasheet for **RR200799**

### **IL13ra2 (NM\_133538) Rat Tagged ORF Clone**

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** IL13ra2 (NM\_133538) Rat Tagged ORF Clone  
**Tag:** Myc-DDK  
**Symbol:** IL13ra2  
**Synonyms:** IL-13R-alpha-2  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**Cell Selection:** Neomycin  
**ORF Nucleotide Sequence:** >RR200799 representing NM\_133538  
**Red=Cloning site Blue=ORF Green=Tags(s)**

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGGATCGCC**

ATGGCTTTGATGGCTGTGAATACCAGATGCTTGTGTCTCTTTCTTTGTACAATAACTGGTCATTCTT  
TGGAGATAAAAAGTTAATCCTCCTCAGGATTTTGAATACTGGATCCTGGATTACTGGTTATCTCTATTT  
GCAATGGAAACCTCCCGTGGTCATGGACAATTTAAGGAATGCAAGCTAGAATATGAGTTAAAATACCGA  
AATGTTGACAGTGACAGTTGGAAAACCATTAATTAAGGAATCTAATTTACAAGGATGGGTTTGATCTTA  
ATAAAGGCATTGAAGGAAAGATACGTACGCACTTGTACAGCATTGTACAATGGATCAGAAGTTCAAAG  
TCCATGGACAGAAGCTTCTTATGGGATAGCAGATGAAGGAAGCCTGGGAATAAAATTCAGGACATGAAG  
TGTATATATTAACTGGCAGTATTTGGTCTGCTCTTGGAAAGCCTGGCAAGACAGTACATTCCGATACGA  
ACTATACTATGTTTTCTGGTATGAGGGCTTGGATCATGCCTTACAGTGTGCTGATTACCTCCAGGATAA  
TGAGAAAAACGTTGGATGCAAACCTTCCAACCTGGACTCATCAGATTATAAAGATTTTTTATTCGTGTT  
AATGGATCCTCAAAGCTGGAGCCTATCAGATCCAGCTACATGGTTTTTCAACTTCAAATATAGTTAAAC  
CATTGCCACCAGAATTCCTTCATATTAGTGTGGAACTCTATTGACATTAGAATGAAATGGAGCACACC  
TGGAGGCCCATCCACCAAGCTGTACACTTATGAAATTTGGTCCGAGAAGATGATATTTCTTGGGAG  
TCTGCCACAGATAAAAAATGATATGAAGCTGAAGAGGAGAGCAAATGAAAGTGAAGACCTGTGCTTTTTTG  
TAAGATGTAATAAATCAATATATATTGTGCAGATGATGGGATTTGGAGTGAATGGAGTGAAGAGGAATGCTG  
GGAAGGTTACACAGGGCCAGACTCAAAGATTATTTTTATAGTACCAGTTTGTCTTTCTTTATATTCCTT  
TTATTACTTTTGTCTTATTGTGAAAAGGAAGACCCTGAACCCACACTGAGCCTCCATGTGGATTTGA  
ACAAAGAAATGTATGCTTATGAAGAGACGCTCTGC

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA



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**Protein Sequence:** >RR200799 representing NM\_133538  
Red=Cloning site Green=Tags(s)

MALMAVNRCLCLFLLCTITGHSLEIKVNPPQDFEILDPGLLGYLQWKPPVMDNFKECKLEYELKYR  
 NVSDSDSWKTIITRNLIIYKDGFDLNGGIEGKIRTHLSEHTNGSEVQSPWTEASYGIADEGSLGTKIQDMK  
 CIYYNQYLVCWSWPKGTVHSDTYTMFFWYEGLDHALQCADYLQDNEKNVGGKLSNLDSSDYKDFIRV  
 NGSSKLEPIRSSYMFVFLQNIIVKPLPPEFLHISVENSIDIRMKWSTPGGPIPPSCYTYEIVVREDDISWE  
 SATDKNDMMLKRRANESEDLCCFFVRCKINIYCADDGIWSEWSEEECWEGYTGPDSKIIFIVPVCLFFIFL  
 LLLLCLIVEKEDPEPTLSLHVLDLNKEMYAYEETLC

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

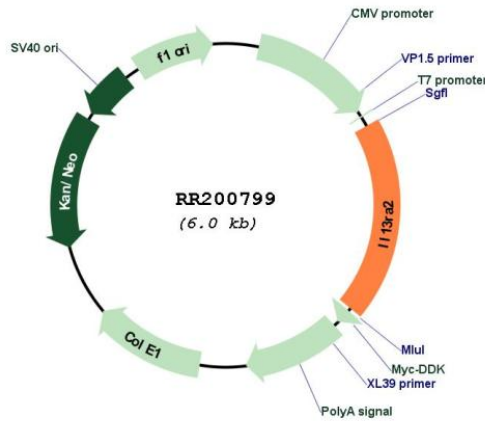
**Restriction Sites:**

Sgfl-MluI

**Cloning Scheme:**



**Plasmid Map:**



**ACCN:**

NM\_133538

<b>ORF Size:</b>	1155 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_133538.2</a> , <a href="#">NP_598222.2</a>
<b>RefSeq Size:</b>	1915 bp
<b>RefSeq ORF:</b>	1158 bp
<b>Locus ID:</b>	171060
<b>Cytogenetics:</b>	Xq34
<b>MW:</b>	44.6 kDa
<b>Gene Summary:</b>	used as a target for immunotherapeutic approaches for treating brain tumors [RGD, Feb 2006]