

Product datasheet for **RR213206**

Csf2rb (NM_133555) Rat Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Csf2rb (NM_133555) Rat Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Csf2rb
Synonyms:	Csf2rb1
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



[View online »](#)

ORF Nucleotide Sequence:

>RR213206 representing NM_133555
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGACCAGCACATGGCATTATCTGGGGCTGTGCTACATGGCCCTGGTGGCTCTCTGCTGGAGACAG
 GGGTAACAAAGGCAGAAGAACTGTCCCTCTGAAGACTCTGCAGTGTACAACGACTATATCGAGCGCAT
 CATCTGCAGCTGGGCCGACACGGAGGACGCCAGGGGCTCGTTAACCTGACCCTCTACTGGCTAGAC
 AAGAAACAGCAAATGTCCTGTGAGCTCAGTGAGGACCTCATGTGGTCAGAGTGCCCGTCATCCCACCGCT
 GTGTGCC TAGAAGATGTCTCCCTATACACAGTTTCCGCTCTAAAAGAAGACTACTACTACTCCA
 GCCGGATCGTGATCTGAGTATCCATCTCGTGGTCCGCTGGCCAGCATGTGCAGCCACCACCTCCCAAG
 GACATCAGCATCAGCCCCTCTGGGGACATTTCTGCTGAAGTGGAGTGTGCCCCCTGGGGATGCCAGG
 TCTCTGCTTTTCAAAAAGGACATACAGTTTGAGGTGGCTTATAAGCAGCTTCAGGACTCTGGGAGGA
 TGCTCCAGCCTCCACACTTGCAACCTCTGGGTACTCTCGAGCCAAAGCTTCTCTACCCAACAGTATC
 TATGTGGCCCGCTGCGCGCTCAGCTAGCCCCAGGTTTCGAGCTTGTCCGGAAGACCCAGCGGATGGAGCC
 CAGAGGTACACTGGGACTCTCCGACAGAGGACAAGGCTCGGCCACAGAACCTTCAGTGCTCTTTGATGG
 GATCCAGTCCCTCAACTGCTCCTGGGAGGTGTGGACCAAGGTGACTGACTCTGTTTCTTTGGGCTCTTC
 TATAGTCCAGTCCCAAAGCTGGGGAGAAGAAATGCTCTCCAGTGGTGAAGGAGCTGCAGGCCAGCCGCT
 ACACCCGTACCACTGCAGCCTAAATGTGTCCGACCCCGCTGCACACAGCCAGTACACCGTCTGTGTTAA
 GCGGCTGGAACAAGGGAAGTTCATCGAGAGCTTTAACCACATCCAGATGAATCCTCCAACCTCAACCTG
 ACCAAGAACAGAGACAGCTACAGCCTGCATTGGGAGACTCAGAAAATGTCTATCCATTCATCCAGCATG
 CATTCCAGTCCAGTACAAGAAGAACTGGACCGCTGGGAGGACAGCAAGACAGAGAACAATCATGC
 CCACAGCATGGACCTGCCACAGCTGGAGCCTGGCACCTCATACTGCGCCAGGGTGAGGGTCAAGACCATC
 CCTGAATACAAAGGGCTCTGGAGCGAGTGGAGCAATGAGTGCACCTGGACGACTGACTGGGTGATGCCAA
 CATTGTGGATAGTCTCATCCTGGTCTTCTCATCCTCACCTTCTCCTGGCCCTCCGCTTTGGCTGCAT
 CTATGGGTGCAAGTTGTACAGAAGATGGAAGGAGAAAAATCCCAACCCAGCAAGAGCCTCCTTTCCAG
 GATGGAGGTAAGGACTCTGGCCTCCTGGCAGCAGGTGACCTTCTCCAGTAAGAACCCCACTCCCAGG
 GGCCACAGAACAACCTTTTCTCTGAGCTACAGGGGTGTCATATACACATCTGGAGGACAACGAAGTGC
 ACCTCTCACCATAGAGGACCCCAACATTATTCGAGATCCATCATCTGGCCCTGATACAACCCAGCTGCC
 TCATCTGAACCCATGGAGCAGTCTTCAATGTTCAAGTAGACCCCAACTCTTTCTGGCAGACCCAGGA
 AGCAATTACCCAGCTTTGACTTCAATGGCCGTACCTGGGGCCTCCCAATCCCACTCCCTGCCGATCT
 CCCAGGCCAGCTGGTTTCCCCCAGGGGTTGGAAGCCTGAAGCCAGCACTGCCAGGCTCCTTGGAGTAC
 ATGTGTCTGCCCCCTGGAGGGCAAGTGAACCTGGTCCCCTGTCCAGGTGATGGGGCAGGGCCGGGATG
 TGGATGTGCAGTGTGGTCCAGCCTGGAGACCACAGAGCCCTTCCATGGAATCAAGGGAGAGCCCTCC
 AGTTGAGCTGAAGGAGGAGGAACAGGAGCAAGGGACAACCCAGTACTCTCCCAATAGCTCTGGAGGC
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 GCCCAGGGTCCCTTCTGAAAGTCCAGCTCTTGACCAGCAGTGTGTTGAAGATTACGTGGAGCTGCCTCCA
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 GCCCAGGAGAGCCAGGAGGAAGTAGGCGCAGCCCCACACACCTGAAGGCCTCCTTGTCTTTCAGCA
 GGTGGGGACTACTGCTTCTCCTGGCCTGGGACCCAGCCCCCTCTCACCACCCAGTAAGCCACCTCT
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 GGACAATAGCCAGCCTGGGAAGGTGTGC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >RR213206 representing NM_133555
 Red=Cloning site Green=Tags(s)

MDQHMAFIWGLCYMALVALCWRHGVTKAEETVPLKTLQCYNDYIERIICSWADTEDAQGLVNLTLYHWLD
 KKQPMSCSEDLMWSECPSSSHRCVPRRCVLPYTQFSVSKEDYSLQPDRDL SIHLVVPLAQHVQPPPK
 DISISPSGDHFLKWSVPLGDAQVSLLSQKDIQFEVAYKQLQDSWEDASSLHTCNLWVTLLEPKLFLPNSI
 YVARVRAQLAPGSSLGRPSGWSPEVHWDSPTEDKARPQNLQCFDFGIQSLNCSWEVWTKVTDVSVFGLF
 YSSSPKAGEKKCSPVVKELQASRYTRYHCSLNVSDPAAHSQYTVSVKRLEQGKFIESFNHIQMNPPTLNL
 TKNRDSYSLHWETQKMSYPFIQHAFQVQYKKKLDREWDSKTENLNHAHSMPLPQLEPGTSYCARVRVKT
 PEYKGLWSEWSNECTWTTDWMPTLWIVLILVFLILFLLALRFGCIYGCKLYRRWKEKIPNPSKSLLFQ
 DGGKGLWPPGSTVTFSSKNPTPQGPQNNLFSELQGVSYTHLEDNEVSPLTIEDPNIIRDPSGPDTPAA
 SSEPMEQSSNVQVDPPTLSGRPRKQLPSDFNGPYLGPQSHSLPDLPGQLVSPQVGSGLKALPGSLEY
 MCLPPGGQVQLVPLSQVMGQGRVDVQCGSSLETTESPMSRESPPVELKEEQEPDNPVTLPISSGG
 PKDSKVASEYVTPADLVLTLPTEPLSTSLGPSLEVSSAQSPSLCKLPRVPESEPALAPAVFEDYVELPP
 SMSQPAKSLPGNPAPPSPSPAVSPGEPREEVGAAPTHPEGLLVLQQVGDYCFPLGPLGPSPLSPSPKPPS
 PGLCLETEDLDKDL SVKKLPYQIPQVPAIQFFKSLKHQDYLSLPPWDNSQPGKVC

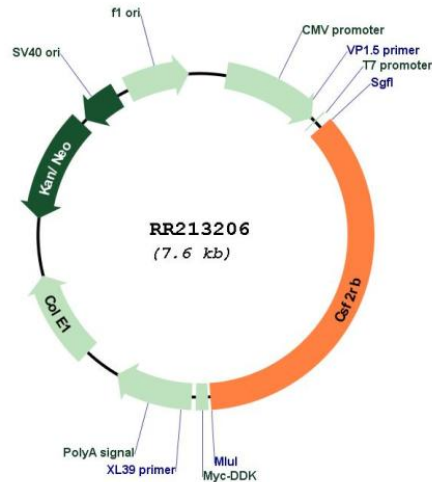
TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites:

Sgfl-MluI

Cloning Scheme:



Plasmid Map:


ACCN: NM_133555

ORF Size: 2688 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_133555.1](#), [NP_598239.1](#)

RefSeq Size: 2905 bp

RefSeq ORF: 2691 bp

Locus ID: 171081

Cytogenetics: 7q34

MW: 99.5 kDa

Gene Summary: transducing subunit of high-affinity receptors for interleukin-3 (IL-3), GM-CSF, and IL-5 [RGD, Feb 2006]