

Product datasheet for **MC222459**

Csf2rb (NM_007780) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Csf2rb (NM_007780) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Csf2rb
Synonyms:	A1848964; A1C2B; Bc; CDw131; Csf2rb1; Csfgmrb; Il3r; Il3rb; Il3rb1; Il5rb
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF:

>MC222459 representing NM_007780
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGACCAGCAAATGGCACTCACATGGGGCTGTGCTACATGGCACTGGTGGCTCTCTGTTGGGGACAG
 GGGTGACAGAGGCAGAAGAAACGGTCCCTCTGAAGACTCTGCAGTGTACAATGACTACACCAACCCAT
 CATCTGCAGCTGGCGGCACAGAGGATGCCAGGGGCTAATCAACATGACCCTCTATCACCAGCTAGAG
 AAAAAACAGCCAGTGTCTGTGAGCTCAGTGAGGAACTCATGTGGTCAGAGTGCCCGTCATCCCACCGCT
 GTGTGCCAGAAGATGTGTATCCCTATACAGATTTCCATCACAACGAAGACTACTACTCCTTCCG
 GCCAGATAGTGATCTGGGCATCCAGCTCATGGTCCACTTGCCAGAAATGTGCAGCCACCACTTCCCAAG
 AACGTCAGCATCAGCTCCTCTGAGGATCGTTTCTGCTGGAGTGGAGTGTGTCCCTTGGGGATGCCAGG
 TCTCTGGCTTTCATCAAAGGACATAGAGTTTGGAGTGGCTTATAAGCGGCTTCAGGACTCCTGGGAGGA
 TGCCACAGTCTCCACTAGCAAATTTCAAGTGAATTTGAGCCAAAGCTATTCCTACCCAACAGCATC
 TATGCTGCCCGTGTGCGCACTCGGCTGTCCCCGGGTTCAAGCTTGTCTGGGAGACCCAGCAGATGGAGCC
 CAGAGGTTCACTGGGACTCCCAGCCAGGGGACAAGGCCAGCCACAGAACCTTCAATGCTTCTTTGATGG
 GATCCAGTCCCTCCACTGCTCCTGGGAGGTGTGGACCCAGACGACTGGCTCTGTTTCTTTGGGCTCTTC
 TATCGCCCCAGCCCTGTAGCTCCGGAGGAGAAATGCTCTCCGGTGGTGAAGGAGCCGCCGGGGCCAGTG
 TCTACACCCGCTACCATTGCACTACCTGTGCCTGAGCCAGTGACACAGCCAGTACACAGTCTCTGT
 TAAGCACCTGGAACAAGGAAGTTCATCATGAGCTATAACCACATCCAGATGGAGCCTCCAACCTCAAC
 CTGACCAAGAACAGAGACAGCTACAGCCTGCATTGGGAACTCAGAAGATGGCTTACTCATTATTGAGC
 ACACATTCAGTCCAGTACAAGAAGAAATCGGACAGCTGGGAGGACAGCAAGACAGAGAACCTAGATCG
 AGCCCATAGCATGGACCTCTCCAGCTGGAGCCAGACACCTCATACTGCGCCAGGGTGAAGGTTCAAGCCC
 ATCTCTAACTACGATGGGATCTGGAGCAAGTGGAGCGAAGAGTACACTTGAAGACTGACTGGGTGATGC
 CCACGCTGTGGATAGTCTCATCTGGTCTTTCTCATCTCACCTTGCTCCTGATCCTTCGCTTTGGCTG
 TGTCTCTGTATACAGGACGTACAGGAAGTGAAGGAAAAGATCCCCAACCCAGCAAGAGCCTCCTGTTCC
 CAGGATGGAGGTAAGGTCTCTGGCCTCCTGGCAGCATGGCAGCCTTCGCCACTAAGAACCCCGCTCTCC
 AGGGGCCACAGAGCAGGCTTCTTGCTGAGCAACAGGGGGAGTCAATGCACATTTGAAGACAACAACGT
 GTCACCTCTCACTATAGAGGACCCTAATAATAATTCGAGTTCACCATCCGGGCTGATACAACCCAGCT
 GCCTCATCCGAATCCACAGAGCAACTTCCCAATGTTCAAGTAGAGGGACCAACTCCTAACAGACCTAGGA
 AGCAATACCCAGCTTTGACTTCAATGGGCCCTACCTGGGGCCTCCCCAATCCCCTCTCTGCTGATCT
 CCCAGACCAGCTGGGTTCCCCCAGGTGGTGGGAGCCTGAAGCCAGCACTGCCAGGCTCCTTGGAGTAC
 ATGTGTCTGCCCCCTGGAGGTCAAGCGCAACTGGTTCCATTGTCCAGGTGATGGGGCAGGGCCAGGCTA
 TGGATGTGCAGTGTGGTCCAGCCTGGAGACCTCAGGGAGCCCTTCTGTGGAGCCAAAGGAGAACCCTCC
 AGTTGAGCTGAGCATGGAGGAACAGGAGGCACGGGACAACCCAGTACTCTGCCATAAGCTCTGGGGGC
 CCTGAGGGCAGTATGATGGCCTCTGATTATGCACTCCTGGAGATCCGGTGTCTACTCTGCCACAGGGC
 CCCTGTCTACCTCTCTGGGCCCTCTTAGGTTGCCCTCAGCCAAAGCCCCAGTCTCTGTCTTAAGCT
 GCCCAGGTTCCCCTCTGGAAGCCAGCTTAGGGCCACCAGGTTTGGAGACTATGTGGAGCTGCCTCCA
 AGTGTGAGCCAGGCTGCCAAGTCCCCTCAGGCCATCCTGCTCCTGTGGCAAGCAGCCACAGTGA
 TCCAGGAGAGCCAGGAGGAAGTGGGCCAGCATCCCCACATCCCGAAGGCCTCCTTGTCTTTCAGCA
 GGTGGGGACTACTGTTCTCCTGGCCTGGACCTGGCTCCCTCTCACCACACAGTAAGCCACCTCT
 CCAAGTCTGTGTTCTGAGACTGAGGACCTAGTCCAGGACTTGTCTGTCAAAAAGTTTCCCTATCAGCCCA
 TGCCCCAGGGCCAGCCATTAGTTTTTCAAGTCCCTAAAGCATCAGGACTACCTGTCCCTGCCCTTGG
 GGACAATAGCCAGTCTGGGAAGGTGTG**TGA**

ACGGTACGGCGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:

Sgfl-Mlul

ACCN:

NM_007780

Insert Size:	2691 bp
OTI Disclaimer:	Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
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:	<ol style="list-style-type: none">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_007780.4 , NP_031806.3
RefSeq Size:	4776 bp
RefSeq ORF:	2691 bp
Locus ID:	12983
UniProt ID:	P26955
Cytogenetics:	15 37.36 cM
Gene Summary:	High affinity receptor for interleukin-3, interleukin-5 and granulocyte-macrophage colony-stimulating factor.[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (2) differs in the 5' UTR compared to variant 1. Both variants 1 and 2 encode the same protein.