

Product datasheet for **MC222306**

Csf2rb2 (NM_007781) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Csf2rb2 (NM_007781) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Csf2rb2
Synonyms:	AIC2A; Betall3; Bil3; Csfgmrb; Il3r; Il3rb; Il3rb2
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >MC222306 representing NM_007781
 Red=Cloning site Blue=ORF

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGGACCAGCAAATGGCACTCACATGGGGGCTGTGCTACATGGCACTGGTGGCTCTCTGCTGGGGACAG
 AGGTGACAGAGGAAGAAGAAACGGTCCCTCTGAAGACTCTGGAGTGTACAATGACTACACCAACCGTAT
 CATCTGCAGCTGGGCAGACACAGAGGATGCCAGGGGCTAATCAACATGACCCTCTCTATCACCAGCTA
 GACAAGATTCAATCAGTGTCTGTGAGCTCAGTGAGAACTCATGTGGTCAGAGTGCCCGTCATCCCACC
 GCTGTGTGCCAGAAGATGTGTATCCCCTACACACGATTTTCTAATGGAGATAACGACTACTACTCCTT
 CCAGCCAGATCGTGACCTGGGCATCCAGCTCATGGTCCCCTGGCCAGCATGTGCAGCCACCCCTCCC
 AAGGACATCCACATCAGCCCTCTGGGGATCATTTCTGCTGGAATGGAGTGTATCTCTGGGGATTCCC
 AGGTCTCCTGGCTTTCATCAAAGGACATAGAGTTTGGAGTGGCTTATAAGCGGCTTCAGGACTCCTGGGA
 GGATGCCTCCAGTCTCCACACTAGCAACTTTCAGGTGAATTTAGAGCCAAAGCTATTCCTACCCAACAGC
 ATCTATGCTGCCCGTGTGCGCACTCGGCTGTCCGCGGGTCAAGCTTGTCTGGGAGACCCAGCAGATGGA
 GCCCAGAGGTTCACTGGGACTCCAGCCAGGGGACAAGGCCAGCCACAGAACCTTCAATGCTTCTTTGA
 TGGGATCCAGTCTCTCCACTGCTCCTGGGAGGTGTGGACCCAGACGACTGGCTCTGTTTCTTTGGGCTC
 TTCTATCGCCCCAGCCCTGCAGCTCCGGAGGAGAAATGCTCTCCGGTGGTGAAGGAGCCGACGGCCAGCG
 TCTACACCCGCTACCGCTGCAGTCTACCTGTGCCTGAGCCAGTGACACAGCCAGTACACAGTCTCTGT
 TAAGCACCTGGAACAAGGAAGTTCATCATGAGCTATTACCACATCCAGATGGAACCTCCAATCCTCAAC
 CAGACAAGAACAGAGACAGCTACAGCTGCATTGGGAACTCAGAAAATACCCAATACATTGATCACA
 CTTTCCAGTCCAGTACAAGAAGAGTCAAGAGCTGGAAGGACAGCAAGACAGAAAACCTAGGTCGAGT
 CAATAGCATGGACCTGCCCCAGCTGGAGCCGACACCTCATACTGCGCCAGGGTGAGGGTCAAGCCCATC
 TCTGACTACGACGGGATCTGGAGCGAGTGGAGCAATGAGTACACTTGGACGACTGACTGGGTGATGCCCA
 CGCTGTGGATAGTCTCATCCTGGTCTTTCTCATCTTACCTTGTCTCTGGCTCTCCACTTTGGCCGTGT
 TTATGGGTACAGGACATACAGGAAGTGAAGGAAAAGATCCCAACCCAGCAAGAGCCTCCTGTTCCAG
 GATGGAGGTAAGGTCTCTGGCCTCCTGGCAGCATGGCAGCCTTCGCGACTAAGAACCCCGCTCTCCAGG
 GGCCACAGAGCAGGCTTCTTGTGAGCAACAGGGGTGTCATATGAACATTTGGAAGACAACAACGTGTC
 ACCTCTCACTATAGAGGACCCTAATAAATTCGAGATCCACCATCCAGGCTGATACAACCCAGCTGCC
 TCATCTGAATCCACAGAGCAACTTCCAATGTTCAAGTAGAGGGACCAATTCCTTCTAGCCAGCCAGGA
 AGCAATTAACCCAGCTTTGACTTCAATGGGCCCTACCTGGGGCCTCCCAATCCCCTCCCTGCCTGATCT
 CCCAGGCCAGCTGGGTTCTCCCCAGTGGTGGGAGCCTGAAGCCAGCACTGCCAGGCTCCTTGGAGTAC
 ATGTGTCTGCCCCCTGGAGGTCAAGTGAACCTGGTCCCATTGTCCAGGTGATGGGACAGGGCCAGGCTA
 TGGATGTGCAGTGTGGTCCAGCCTGGAGACCACAGGGAGCCCTTCCGTGGAGCCAAAGGAGAACCCTCC
 AGTTGAGCTGAGCGTGGAGAAACAGGAGGCAAGGGACAACCCAATGACTCTTCCCATAAGCTCTGGGGGC
 CCTGAGGGCAGTATGATGGCCTCTGATTATGTCACTCCTGGAGATCCGGTGTCTACTCTGCCACAGGGC
 CCCTGTCTACCTCTCTGGGCCCTCTTAGGTTGCCCTCAGCCCAAAGCCCACTCTGTCTTAAGCT
 GCCCAGGGTCCCCTCTGGAAGCCAGCTTAGGGCCACCAGGGTTTGGAGACTATGTGGAGCTGCCTCCA
 AGTGTGAGCCAGGCAGCCACGTCCCCTCCAGGCCATCCTGCTCCTGTGGCAAGCAGCCACAGTGA
 TCCAGGAGAGCCAGGAGGAAGTGGGCCAGCATCCCCACATCCCGAAGGCCTCCTTGTCTTTCAGCA
 GGTTGGGGACTACTGTTCTCCTCCCTGGCCTGGACCTGGCTCCCTCTCACCACACAGTAAGCCACCTCT
 CCAAGTCTGTGTTCTGAGACTGAGGACCTAGACCAGGACTTGTCTGTGAAAAAGTTTCCCTATCAACCTT
 TGCCCCAGGCCCCAGCCATTAGTTTTTCAAGTCCCTAAAGTATTAG

ACGGCTACGGCGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Chromatograms: https://cdn.origene.com/chromatograms/ja1584_f04.zip

Restriction Sites: SgfI-MluI

ACCN: NM_007781

Insert Size:	2637 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_007781.2 , NP_031807.1
RefSeq Size:	4619 bp
RefSeq ORF:	2637 bp
Locus ID:	12984
UniProt ID:	P26954
Cytogenetics:	15 37.22 cM
Gene Summary:	<p>In mouse, there are two classes of high-affinity IL3 receptors. One contains this IL3-specific beta subunit and the other contains the beta subunit also shared by high-affinity IL5 and GM-CSF receptors.[UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (1) represents the longer transcript and encodes the longer protein (isoform 1). Sequence Note: The RefSeq transcript and protein were derived from genomic sequence to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on alignments.</p>