

Product datasheet for **MC228901**

Csf2rb2 (NM_001287389) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Csf2rb2 (NM_001287389) 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:

>MC228901 representing NM_001287389

Red=Cloning site Blue=ORF Orange=Stop codon

 TTTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

 ATGGACCAGCAAATGGCACTCACATGGGGCTGTGCTACATGGCACTGGTGGCTCTCTGCTGGGACACG
 AGGTGACAGAGGAAGAAGAAACGGTCCCTCTGAAGACTCTGGAGTGCTACAATGACTACACCAACCGTAT
 CATCTGCAGCTGGGCAGACACAGAGGATGCCAGGGGCTAATCAACATGACCCTCCTCTATCACCAGCTA
 GACAAGATTCAATCAGTGTCTGTGAGCTCAGTGAGAACTCATGTGGTCAGAGTGCCCGTCATCCACCC
 GCTGTGTGCCAGAAGATGTGTCATCCCTACACACGATTTTCTAATGGAGATAACGACTACTACTCCTT
 CCAGCCAGATCGTGACCTGGGCATCCAGCTCATGGTCCCACTGGCCAGCATGGGACAAGGCCAGCCA
 CAGAACCTTCAATGCTTCTTTGATGGGATCCAGTCTCTCCACTGCTCCTGGGAGGTGTGGACCCAGACGA
 CTGGCTCTGTTTCTTTGGGCTCTTCTATCGCCCCAGCCCTGCAGCTCCGGAGGAGAAATGCTCTCCGGT
 GGTGAAGGAGCCGAGGCCAGCGTCTACACCCGCTACCGCTGCAGTCTACCTGTGCTGAGCCAGTGCA
 CACAGCCAGTACACAGTCTCTGTTAAGCACCTGGAACAAGGGAAGTTCATCATGAGCTATTACCACATCC
 AGATGGAACCTCCAATCCTCAACAGACCAAGAACAGAGACAGCTACAGCCTGCATTGGGAACTCAGAA
 AATACCCAAATACATTGATCACACTTTCAGGTCCAGTACAAGAAGAAGTCAGAGAGCTGGAAGGACAGC
 AAGACAGAAAACCTAGGTCGAGTCAATAGCATGGACCTGCCCCAGCTGGAGCCGGACACCTCATACTGCG
 CCAGGGTGAGGGTCAAGCCCATCTGACTACGACGGGATCTGGAGCGAGTGGAGCAATGAGTACACTTG
 GACGACTGACTGGGTGATGCCCACGCTGTGGATAGTCTCATCTGGTCTTCTCATCTTCACCTTGCTC
 CTGGCTCTCCACTTTGGCCGTGTTTATGGGTACAGGACATACAGGAAGTGAAGGAAAAGATCCCCAACCC
 CCAGAACAGAGCCCTCCTGTTCCAGGATGGAGGTAAAGGTCTCTGGCCTCCTGGCAGCATGGCAGCCTTCGC
 GACTAAGAACCCTGCTCTCCAGGGGCCACAGAGCAGGCTTCTTGCTGAGCAACAGGGGGTGTATATGAA
 CATTTGGAAGACAACAACGTGTACCTCTCACTATAGAGGACCCTAATATAATTCGAGATCCACCATCCA
 GGCCTGATACAACCCAGCTGCCTCATCTGAATCCACAGAGCAACTTCCAATGTTCAAGTAGAGGGACC
 AATTCTTCTAGCCGACCCAGGAAGCAATTACCCAGCTTTGACTTCAATGGGCCCTACCTGGGGCCTCCC
 CAATCCCACTCCCTGCCTGATCTCCAGGCCAGCTGGGTTCTCCCAGGTGGGTGGGAGCCTGAAGCCAG
 CACTGCCAGGCTCCTTGAGTACATGTGTCTGCCCCCTGGAGGTCAAGTGCAACTGGTCCCATTGTCCCA
 GGTGATGGGACAGGGCCAGGCTATGGATGTGCAGTGTGGTCCAGCCTGGAGACCACAGGGAGCCCTTCC
 GTGGAGCCAAAGGAGAACCCTCCAGTTGAGCTGAGCGTGGAGAAACAGGAGGCAAGGGACAACCCAATGA
 CTCTTCCATAAGCTCTGGGGGCCCTGAGGGCAGTATGATGGCCTCTGATTATGTCACTCCTGGAGATCC
 GGTGCTCACTCTGCCACAGGGCCCTGTCTACCTCTCTGGGCCCTCTCTAGGGTTGCCCTCAGCCCAA
 AGCCCCAGTCTCTGTCTTAAGCTGCCAGGGTCCCTCTGGAAGCCCAGCTCTAGGGCCACCAGGGTTTG
 AGGACTATGTGGAGCTGCCTCCAAGTGTGAGCCAGGCAGCCACGTCCCCTCCAGGCCATCCTGCTCCTCC
 TGTGGCAAGCAGCCCCACAGTATCCAGGAGAGCCAGGGAGGAAGTGGGCCAGCATCCCCACATCCC
 GAAGGCCTCCTTGTCTTTCAGCAGGTTGGGACTACTGCTTCTCCCTGGCCTGGGACCTGGCTCCCTCT
 CACCACACAGTAAGCCACCCTCTCCAAGTCTGTGTTCTGAGACTGAGGACCTAGACCAGGACTTGTCTGT
 GAAAAAGTTTCCCTATCAACCCTTGCCCCAGGCCCCAGCCATTCAGTTTTTCAAGTCCCTAAAGTAT**TAG**
ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:

SgfI-MluI

ACCN:

NM_001287389

Insert Size:

2310 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).
OTI Annotation:	Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
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.
Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	<u>NM_001287389.1, NP_001274318.1</u>
RefSeq Size:	4413 bp
RefSeq ORF:	2310 bp
Locus ID:	12984
Cytogenetics:	15 37.22 cM
Gene Summary:	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] Transcript Variant: This variant (2) lacks two alternate exons in the coding region compared to variant 1. The resulting protein (isoform 2) is shorter but has the same N- and C-termini compared to isoform 1. Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.