

## Product datasheet for **MC205858**

### **Rars2 (NM\_181406) Mouse Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Rars2 (NM_181406) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Rars2
Synonyms:	1500002I10Rik; PRO1992; Rarsl
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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**Fully Sequenced ORF:** >BC024878  
 GGGAAAGGGAGGCATGGCGTGTGGCTTTTCGTAGGTCGATCGCCTGTCAGCTTTCCAGAGTATTGGCTCTT  
 CCACCAGAAAGCTTGATCAAGTCAATATCTGCTGTTCCAGTTTCAAAAAAGAAGAGGTGGCAGATTTTC  
 AGCTTTTCGGTGGATTCCCTACTAGAAGACAACAATCACAAGTCACAGGTAGACACTCAAGACCAAGCCAG  
 GAGATTGGCAGAGAAGCTTAAGTGTGATACAGTGGTGACAGCCATCAGTGTGGCCCAAGGACTCTAAAT  
 TTCAAAAATAAACAGAGAATTATTAACAAAGGCAGTATTGCAACAAGTTACTGAAGATGGCTGAAATATG  
 GGTTAAAAAGTGAACTTTTCTCAGATCTTCCCAAGAAGAGGATTGTGGTTGAATTCAGTTACCTAATAT  
 TGCCAAAAAATTTTCATGTTGGACATTTGCGCTCCACCATCATAGGAAATTTTATAGCAAATCTAAAAGAA  
 GCTTTAGGACATCAAGTAACAAGAATAAAATTACATTGGAGATTGGGGCATGCAATTTGGTCTGCTGGGAA  
 CTGGTTTCCAGCTGTTTGGCTATGAAGAGAAAACCCAGACCAACCCTTTACAGCATCTCTTTGATGTTTA  
 TGTACAAGTTAATAAAGAAGCAACAGATGATAAAAATGTAACAAAATTGGCACACGAGTTCTCCACCGA  
 CTAGAAATGGGTGACACGCAGGCACTGCACTGTGGCAGAGATCCGGGACTTGAGCATTGAAGAGTACA  
 CCCAGATTTACAAGCGTCTTGAATATACTTTGATGAATATTCAGGAGAATCATTTTATCGTGAAAAATC  
 TCAAGATGTCTTAAAGTTGCTTGACAGCAAAGGACTTCTGCAGAAAACAGCGGAGGGAAATGTTGTAGTA  
 GATCTCTCTGGGACTGGTGGCCTCTCTTGTCTGCAGTGTGATGCGAAGTGATGGGACCTCTCTATG  
 CCACCAGGGACCTTGACAGCTGCTATACATCGCATGGACAAGTACAATTTTACACAAATGATTTATGTCGC  
 AGACAAAAGGGCAAGAAGGCATTTTCAGCAAGTGTCCAATGCTGAAGATCATGGGCTACGACTGGGCC  
 GAAAGGTGCCAGCATGTCCCTTCGGGATAGTAAAGGGGATGAAGACTCGAAGAGGAGGGGTCACTTTTC  
 TGGAAGATGTCTTAAATGAGGTTCAATCAAGGATGCTACAGAACATGGCTTCCATTAAGACCACGAAACA  
 ATTGGAGAATCCTCAGGAGACGGCAGAGAGAGTGGGGCTTGTGCTGTATCATCCAGGACTTCAGAGGC  
 ACTCTCTTATCCGACTATCAGTTCAGTTGGGATCGTGTTCAGAGCCGTGGGGACTGGAGTCTTCC  
 TGCAGTACACCCATGCCCGCCTGTAGTTTGAAGAGACTTTTGGATGTGGGTATCTCAATGACTCCAA  
 TGTGCTTGTGTTACAAGAGCCGAGTGTGTTCAATTCTCCAGCATCTTTCAGGTTGATGAGGTTACTT  
 TACCTGTATCTCAGGACCTACAGCCGAAGCACATTGTTAGCTACCTCCTAACTTAAGTACCTTGACAG  
 CTGTGGCACATAAAACACTCAAGGTGAAAGACAGTCTCTGATGTGGTGGGGCCAGACTTCACCTTTT  
 CAAAGCTGTCCGTTCTGTCTTAGCCAATGGAATGAAACTTCTTGGAATTACACCTGTATGTAGAATGTA  
 TTTCTAGATAAATATGTTTTTTATGCAAATGAGTTCTAGTTGTTATCAGATACCTTGCTGTTCAGAATAG  
 AATTTAAAGTATTATTCTGTCCCAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA

**Restriction Sites:** RsrII-NotI

**ACCN:** NM\_181406

**Insert Size:** 1737 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:**

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:** [BC024878](#), [AAH24878](#)

RefSeq Size: 1874 bp  
RefSeq ORF: 1737 bp  
Locus ID: 109093  
UniProt ID: Q3U186  
Cytogenetics: 4 A5