

## Product datasheet for **MC218842**

### **Cars2 (NM\_024248) Mouse Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Cars2 (NM_024248) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Cars2
Synonyms:	2310051N18Rik; 2410044A07Rik; D530030H10Rik
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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**Fully Sequenced ORF:** >MC218842 representing NM\_024248  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGATCGCC**

ATGCTGCGGGCGCGGGCCTGGGCCGCGCTCTGCTGCTCCGGGCCGCGCTGGGTCTCGGGCGGCGG  
 GCGGTCATGGCAACGGCCGCAAGGCCAGGACACCGCGTGCAGGTGCATAACAGCCTCACTGGCAGGAA  
 GGAGCCGCTGATAGTGGCCCGCTCGGACGAGTCTCCTGGTATAGCTGTGACCGACTGTGTACGACCAT  
 GCACATCTGGCCATGCTTGCTCTATGTTAGATTTGACATTATCCGGAGGATCCTGACCAGAGTGTGTTG  
 GATGCAATGTGGTCATGGCGATGAGCATTACCGACGTGGATGACAAAATAATCAAGAGAGCTAACGAGAT  
 GAACGTGACGCCCGCTTCTCGCCAGTCTTTTGGAGGAAGAATTTAAACAAGACATGGCAGCCCTGAAG  
 GTTCTGCCCAACTGTGATTTGAGAGTCACTGAGAATCCCTCAGATCATTGCTTTCATCGAGGGCA  
 TCATTGCTCACGCCATGCATACTCGACAGCTACAGGCAGCGTCTACTTCGATCTGCACGCCCGAGGGGA  
 CAAGTATGGCAAGCTGGTCAACACGGTCCAGTCCACTGCAGAGCCAGCAGGTGACTCTGACAAGCGG  
 CACAGCAGCGACTTCGCCCTGTGGAAGGCAGCCAAACCTCAGGAGGTGTTCTGGGCTTCGCCGTGGGGAG  
 ACGGACGGCCTGGATGGCACATCGAGTGTCTACCATGGCCAGTGAAGTGTTCGGAAGCCACCTGGACAT  
 CCACACGGCGGCATAGACTTGGCTTCCACATCACGAAAATGAAATCGCGCAGAGTGAAGTCTCCAC  
 CAGTGTGACAGTGGGAAATTACTTCTACATTTGGTCATTTGCATGTGAAAGGCACAGAAGAAAAGA  
 TGTCCAAATCCCTAAAAAATATACACCATAAGGACTTCTGAAGACCTTCTCCCTGACGTCTTCCG  
 GCTTTTCTGCTTGGTACCAACTATAGGTCAGCCATTGAATACAGTGACAGTACCTTGGTGAAGCCAAG  
 CACCTCTGCTGGGGCTGGCCTCTTTTGGAGGATGCACGAGCCACGTAAGGGGCAGCTGACCTGTG  
 GCCCTGTTGAGGAGGATGTGCTATGGGAGAGGCTGACTAGCACCAGAAGGCGGTGAAAGCTGCTAGC  
 CAATGACTTTGACACACCGAGGGCAGTGAACACCATCCTGGACCTTGTGCACCATGCAAACAGACAGCTC  
 AGGGCGGTCTCCAAGGAAGCTAGTGGCCCAAGGAGTCCCACTGTGTTTGGGGCCATCATTTCTACGTTG  
 AGCAGTTTTTCGAGACTGTTGGGATTTCTGCGCAAATCGACAGTGTGTTTCAGGAGACAGCAGCAGT  
 AACGTTGCGCTGTGTTAGATGAACTCGTGGCTTCAGGCTGAAGGTCCGCCAGTATGCACTGGACACA  
 CCCGGGGTCTGGGGAGGCTCGGAAACGGCAGCTCCAGGAAAGGCAGCCCTTCTGGAGGCATGTGACA  
 CACTCCGACAGGACCTCGTCACCCATGGCATCAATGTTAAGGACAGAGGCAGTGCAGCCTCCACATGGGA  
 ACTGCTGGATCCAAGGACAAGACACCAGAAACCTGGGGACCGAGGATGA

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI

**ACCN:** NM\_024248

**Insert Size:** 1659 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:** [NM\\_024248.1](#), [NP\\_077210.1](#)

**RefSeq Size:** 1867 bp

**RefSeq ORF:** 1659 bp

**Locus ID:** 71941

**UniProt ID:** [Q8BYM8](#)

**Cytogenetics:** 8 A1.1