

## Product datasheet for MC207450

### Car14 (NM\_011797) Mouse Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Car14 (NM\_011797) Mouse Untagged Clone  
**Tag:** Tag Free  
**Symbol:** Car14  
**Synonyms:** AW536446; CA-XIV; Ca14  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**Cell Selection:** Neomycin  
**Fully Sequenced ORF:** >MC207450 representing NM\_011797  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**GCGATCGCC**

ATGTTGTTCTTCGCTCTCTGTTAAAGGTGACTTGGATCCTGGTGCAGATGGGGTCCACTGGACAT  
 ATGAAGGCCACACGGTCAGGACCATTGGCCAACCTCTTATCCTGAGTGTGGAGGCGATGCCAGTCCCC  
 CATCAATATCCAGACAGACAGTGTGATATTTGACCCCGATCTGCCTGCTGTACAGCCCCATGGATATGAC  
 CAGCTTGGGACTGAGCCTTTGGATCTACACAATAATGGCCATACAGTGCAGCTTTCCCTGCCCAACCC  
 TGCACCTGGGTGGACTGCCCGAAAATACACAGCAGCCAGCTCCACCTGCACTGGGGTCAGAGAGGATC  
 CCTCGAGGGATCAGAGCACCAGATCAACAGTGAAGCCACGGCTGCGGAGCTCCACGTGGTCACTATGAC  
 TCCCAGTCTACAGCAGCTTGAGTGAGGCGACTCAGAAGCCACAGGGCCTGGCTGTCTAGGCATCCTCA  
 TTGAGGTGGGCGAGACTGAGAATCCAGCTTATGATCACATTCTGAGTCGTCTACATGAAATAAGATACAA  
 AGATCAGAAGACCTCTGTGCCTCCCTTCAGCGTGAGAGAGCTGTCCCCAACAGCTGGAGCAATTCTTC  
 CGCTACAACGGCTCACTCACAACCTCCCCCTGCTACCAGAGTGTGCTCTGGACAGTCTTCAACAGAAGGG  
 CCCAGATTTCAATGGGACAGTTAGAGAAGCTCCAGGAGACATTGCTCTACAGAAGAGCCCTCTGA  
 GCCCTTGTACAGAACTACAGAGTCCCCAGCCTCTCAACCAGAGGACCATCTTTGCTTCTTTCATCCAA  
 GCAGGACCACTGTATACCACAGGAGAGATGCTGGGTCTAGGTGTGGGAATCTTGGCTGGATGCTTTGCC  
 TTCTGCTGGCTGTTATTTTCATCGCTCAAAAAATTAGGAAGAAGCGGCTGGGAAACAGGAAAAGTGTGGT  
 TTTCACCTCTGCTCGGGTACCACAGAGGCGTGA

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI  
**ACCN:** NM\_011797



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<b>Insert Size:</b>	1014 bp
<b>OTI Disclaimer:</b>	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).
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<u><a href="#">NM_011797.2</a></u> , <u><a href="#">NP_035927.1</a></u>
<b>RefSeq Size:</b>	1625 bp
<b>RefSeq ORF:</b>	1014 bp
<b>Locus ID:</b>	23831
<b>UniProt ID:</b>	<u><a href="#">Q9WVT6</a></u>
<b>Cytogenetics:</b>	3 F2.1
<b>Gene Summary:</b>	Reversible hydration of carbon dioxide.[UniProtKB/Swiss-Prot Function]