

Product datasheet for **RN206435**

Car9 (NM_001107956) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
 Product Name: Car9 (NM_001107956) Rat Untagged Clone
 Tag: Tag Free
 Symbol: Car9
 Mammalian Cell Selection: Neomycin
 Vector: pCMV6-Entry (PS100001)
 E. coli Selection: Kanamycin (25 ug/mL)
 Fully Sequenced ORF: >RN206435 representing NM_001107956
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGGCTTCCCTGGGCTGAGCCCTGGGTCCCTTTGTTGACCCAGCCCCTACTGTGCAGCTGCTGCTGT
 TACTGTGCTCCTAGTGTCCGCTCATCCCCAGAGCCTGTCCGGATGCAGGGGTGCCCTCCTGGGAGA
 AAGTTCATCTGGGAGGATGATCTGGGCGTGGAGGATCTGCCAGCGAAGAGGATACACCTGGAGAGGCG
 GATCCACCCGGTGGGAGGATCCACCTGAAGTTAATTCTAAAGCCAGAAAGGAGGATCCCTCGCCTTAG
 AGGACCTACCGACTCCTGAGGCTCTGAGAACAGGTTCCACAGGGATGAAAAGGGGGTGCCA
 CAGTCTTTGGAGCTATGGAGGCACCTACTCTGGCCCCAGGTGTCCCCAGCCTGTGCTGGCCGCTTTCAG
 TCCCTGTGGACATTCGCTGGAGCTCACCTCATTCTGCCGCACTCTGCAACCCCTGGAACACTACTGGTT
 ATGAGCTCAGTCTCTCCGGAAGTGGACCTGTGCAACAATGGCCACACTGTACAGCTGACTCTGCCGCC
 CGGGCTGAAGATGGTTCTGGGACCTGGGCAGGAATACCGGCCCTGCAGTTGCATCTACACTGGGAACT
 TCAGATCACCCAGGCTCAGAACACAGTCAATGGCCACCGGTTCCCTGCTGAGATCCATGTGGTTCACC
 TCAGTACAGCCTTCTCAGAACTTCATGAAGCCTTGGGACGCCAGGAGGCTGGCGTTTTGGTGCCTT
 TCTGCAGGAGAGTCCAGAAGAAAACAGTGCCTACGAACAGTTGCTGTCCACTTGAAGAAAATCGCAGAG
 GAAGGCTCCAAGATTGAGATCCAGTTTTGGATGTATCTGCACTGTTGCCCTCGGACCTCAGTCGCTACT
 ACCGATATGAAGGTCTCTGACCACACCTCCCTGCAGCCAGGGTGTATCTGGACTGTGTTCAATGAGAC
 AGTGAAGCTGAGTGCTAAGCAGCTCCATACGCTCTCCGTTTTCCCTGTGGGACTTCGTGATTCTCGACTA
 CAACTGAACTTCCGAGCCACACAACCTTTGAATGGGCGAACGATTGAGGTTCTTCCCTGCTGTAGCGG
 ACAGCAGCCCTGAGCCAGTTCAATGTGAATTCCTGCCTCTCTGCTGGTGACATCCTAGCCTTGGTGTGG
 CCTTCTTTGCTGCCACCAGCATCGCCTTCTCCTACAGCTGAGGAGGCAGCACAGGCACAGAAGTGGG
 ACCAAAGATGGAGTTACCTACAGCCCTGCGGAAATGACAGAACTGGGGCC**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA



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| | |
|-------------------------------|---|
| Restriction Sites: | Sgfl-Mlul |
| ACCN: | NM_001107956 |
| Insert Size: | 1314 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: | <u>NM_001107956.1, NP_001101426.1</u> |
| RefSeq Size: | 2073 bp |
| RefSeq ORF: | 1314 bp |
| Locus ID: | 313495 |
| Cytogenetics: | 5q22 |