

Product datasheet for **RN215702**

Car14 (NM_001109655) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Car14 (NM_001109655) Rat Untagged Clone
Tag: Tag Free
Symbol: Car14
Synonyms: Ca14
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >RN215702 representing NM_001109655
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGTTGTTCTTCGTTCTCCTGTTAAAGGTGACTGGATCCTGGTCAGATGGGGTACCATTGGACAT
ATGAAGGCCACACGGTCAGGACCATTGGCCAGCCTCCTATCCTGAATGTGGAGGCAATGCCAGTCCCC
CATCGATATCCAGACAGACGGTGTGATATTTGACCCCGATCTGCCTACTGTGCAGCCCCAGGATATGAC
CAGCTTGGTACCGAGCCTTTGGATCTACACAATAATGGCCATACAGTGCAGCTCTCCCTGCCCCAAACC
TGCACCTTGGTGGACTGCCCCGAAATACACAGCAGCCAGCTCCACCTGCACTGGGGTCAGAAGGGAAC
CCTAAAGGGATCAGAGCACCAGATCAACAGTGAAGCCACAGCTGCAGAGCTCCACGTGGTCCATTATGAC
TCGGAGTCCTATGGCAGCTTGAGTGAGGCAGCTCAGAAGCCTCAGGGACTGGCTGTCTAGGCATCCTAA
TTGAGGTGGGTGAGACTGAGAATCCAGCTTATGATCACATTCTGAGTCACTGCATGAAGTAAGATACAA
AGATCAGAAGACCTCCGTGCCTCCCTTCAATGTGAGGGAGCTCCTCCCCAACAGCTGGAGCAGTTCTTC
CGCTACAATGGCTCGCTCACAACCCCCCTGCTACCAGAGTGTGCTCTGGACAGTGTTCACAGAAGGG
CCAGATTTCAATGGGACAGTTAGAAAAGCTTCAGGAGACACTGCCTCTACAGAAGAGGACCCATCTGA
GCCCTTGTACAAAACACAGAGTGCCCCAGCCTCTCAACCAGAGGACCATCTTTGCTTCTTTCATCCAA
GTGGGACCACTGTATACCACAGGAGAGATGCTGGGTCTAGGTATGGGAATCTCGGCTGGATGCTCTGCC
TTCTGCTGACTATTTATTTTCATCGCTCAGAAGATTAGGAGGAAGAGGCTCGGAAACAGGAAAAGTGTGGT
TTTCACCTCTGCTCGGGTACCACAGAGGCATGA

ACGGTACGGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_001109655



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Insert Size:	1014 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_001109655.2</u> , <u>NP_001103125.1</u>
RefSeq Size:	1014 bp
RefSeq ORF:	1014 bp
Locus ID:	791259
Cytogenetics:	2q34