

Product datasheet for **RN204696**

Car8 (NM_001009662) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Car8 (NM_001009662) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Car8
Synonyms:	Ca8
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>RN204696 representing NM_001009662 Red=Cloning site Blue=ORF Orange=Stop codon

TTTGTAAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGCTGACTTGAGTTTCATTGAGGATGCAGTCGCCTTCCCCGAGAAGGAGGAAGATGAGGAAGAGGAGG
AGGAGGGCGTGGAGTGGGGTTACGAGGAAGGTGTTGAGTGGGGCTTAGTGTTCCTGATGCGAATGGCGA
GTACCACTCACCTATCAACCTGAACTCCAGAGAAGCCAGATACGACCCCTCGCTGCTGGATGTCCGCCTG
TCTCCAAATTACGTGGTGTGCAGGGACTGTGAAGTCACCAACGATGGACACACCATTCAAGTCATCCTGA
AGTCGAAATCAGTTTGTGAGGAGACCGCTGCCTCAGGGACAGGAGTTTGAAGTGTATGAAGTTAGATT
TCACTGGGGAAGAGAAAACGAGCGTGGTTCTGAGCATACGGTCAATTTCAAAGCCTTCCCATGGAGCTC
CACCTGATCCACTGGAATTCACGCTGTTTGGCAGCATCGATGAGGCGGTGGGAAACCCACGGCATTG
TCATCATTGCACTGTTCTGCCAGATAGGGAAGGAGCATGTTGGCTTGAAGGCTGTGACTGAGATACTTCA
GGATATCCAATACAAGGGAAAATCCAAAACAATCCATGCTTTAATCCTAACACTTTATTACCAGACCCCT
CTTCTGCGGGATTACTGGGTCTATGAAGGATCTTACTATTCCACCTTGCAAGGAGTTACCTGGA
TATTATTCCGATACCCATTAATATATCCAGCTGCAGATAGAAGAATTTCAAGACTGAGGACACATGT
TAAGGGGCGAGAACTGTGCAAGGCTGTGACGGGATTTGGGAGATAATTTCCGACCTACCCAGCCCTG
AGTGACAGAGTCATCCGAGCAGCATTTCAGTAG

ACGCGTACGCGGCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	SgfI-MluI
ACCN:	NM_001009662
Insert Size:	873 bp



[View online »](#)

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:	<u>NM_001009662.1</u> , <u>NP_001009662.1</u>
RefSeq Size:	1425 bp
RefSeq ORF:	873 bp
Locus ID:	297814
UniProt ID:	<u>Q5PPN4</u>
Cytogenetics:	5q13
Gene Summary:	Does not have a carbonic anhydrase catalytic activity.[UniProtKB/Swiss-Prot Function]