

Product datasheet for **MC208214**

Car7 (NM_053070) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Car7 (NM_053070) Mouse Untagged Clone
Tag: Tag Free
Symbol: Car7
Synonyms: AV343731; Ca7
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC208214 representing NM_053070
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGACCGCCACCACTGTTGGGGCTACGGCCAGGACGACGGCCCTCAAATTGGCACAAGCTGTATCCCA
TTGCCAGGGAGACCGCCAGTCACCCATCAATATCATATCCAGCCAGGCTGTGTACTCGCCAGCCTGCA
GCCACTGGAACCTTTCTATGAGGCTGCATGTCCCTCAGCATCACCAACAATGGCCACTGTCTCCAGGTG
GACTTCAATGACAGTGATGACAGAACCCTGGTGTCTGGGGCCCCCTGGAAGGGCCCTATCGTCTCAAGC
AGCTCCACTTCCACTGGGGCAAGAAGCGCGACATGGGCTCAGAGCACACAGTGGACGGCAAGTCCTTCCC
CAGCGAGCTACATCTGGTTCACTGGAACGCCAAGAAGTACAGCACTTTTGGGGAGGCGGCTGCAGCCCT
GATGGCCTGGCTGTGGTTGGTGTCTTCTGGAGACAGGAGATGAGCACCCAAGCATGAACCGCCTGACAG
ACGCCCTTACATGGTTCGATTTAAGGACACCAAGGCCAGTTCAGCTGCTTCAACCCCAAGTGCCTGCT
GCCACCAGCCGACACTACTGGACCTATCCTGGCTCCCTGACCACACCCCACTCAGTGAGAGTGTCACT
TGGATTGTCTTCGGGAGCCCATCAGGATCTCCGAGAGGCAGATGGAGAAATCCGGAGCCTGCTTTTCA
CCTCAGAGGATGATGAGAGGATCCATATGGTGGACAACCTCCGGCCACCACAGCCCGCTGAAGGGCCGAGT
GGTCAAAGCATCCTTCCAGGCCTGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_053070
Insert Size: 795 bp



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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:	NM_053070.3 , NP_444300.1
RefSeq Size:	1538 bp
RefSeq ORF:	795 bp
Locus ID:	12354
UniProt ID:	Q9ERQ8
Cytogenetics:	8 D3
Gene Summary:	Reversible hydration of carbon dioxide.[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (1) represents the longer isoform (a). Sequence Note: The RefSeq transcript and protein were derived from genomic sequence to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on alignments.