

Product datasheet for MC201127

Car1 (NM_009799) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Car1 (NM_009799) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Car1
Synonyms:	AW555628; Ca1; Car-1
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>BC011223 sequence for NM_009799 GCAGTTAGTCATTTACATATCATTCTCTTTACAGGAATCACAACTAAATAAGAGAAAATGGCAAGTG CAGACTGGGGATATGGAAGCGAAAATGGTCCTGACCAATGGAGCAAGCTGTATCCCATTGCCAATGGAAA CAACCAGTCTCCTATTGATATTAACCAGTGAAGCCAATCATGACTCCTCTCTGAAACCACTCAGCATC TCCTATAATCCTGCAACTGCCAAAGAAATTGTTAACGTGGGACATTCTTTCCATGTAATTTTTGATGACA GTAGCAACCAATCTGTTCTGAAAGGTGGCCCTCTGCTGATAGCTATCGGCTCACTCAGTCCATTTTCA CTGGGGCAACTCAAACGACCATGGCTCTGAGCACACCGTGGATGGAACTAGATATTCTGGAGAGCTTCA TTAGTTCAGTGAATTCTGCAAAGTACTCCAGTCTTCTGAAGCCATCTCCAAGGCTGATGGCCTGGCAA TCCTTGGCGTTTTGATGAAGTTGGTCCAGCCAACCAAGCCTGCAGAAAGTACTTGATGCTCTAAACTC AGTTAAAATAAGGGAAAACGAGCCCCATTACAAATTTTGACCCATCCAGTCTGCTTCTCATCTCTG GATTACTGGACCTACTTTGGCTCTGACTCACCTCCTTTCATGAAAGTGTGACCTGGGTGATCTGCA AGGATAGCATCAGTCTAAGCCCAGAGCAGCTGGCCCAGCTCCGTGGTCTTCTGTCAAGTGCAGAGGGAGA GCCTGCAGTTCAGTTCTGAGCAACCACGTCACCCCAACCCCTGAAGGGCAGAACAGTCAAGGCTCA TTTTGAGTCCCAGCAAGGAATGAGTCTCAATTAGGACCTGGCCCCCTCTACAGCAGCATCCAATAAAGG GATCACGATTAAGAAACAGAATTATGTCAGTGCTAAGACAGTACCTGCAAATTTAATCCACAGAACTA AAATGCTTTTCATTTAATTCCTGATACTAATGCAAATACTCTATAAGTTTGCTACTGTAATTTTTATG CATTGTTTTTGGCTTAAATACACCTTTTTGTGGAATCGTTCATAATTACAATAAGTGATTTCATCTCTT TCTGCTCTTTCACCTTAAATAAACCAATAAAATGGCTTTACCTCCTAAAAAAAAAAAAAAAAAAAAAAAAAAAA AAAAA
Restriction Sites:	RsrII-NotI
ACCN:	NM_009799
Insert Size:	786 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:	<u>BC011223</u> , <u>AAH11223</u>
RefSeq Size:	1195 bp
RefSeq ORF:	786 bp
Locus ID:	12346
UniProt ID:	<u>P13634</u>
Cytogenetics:	3 3.18 cM
Gene Summary:	Reversible hydration of carbon dioxide.[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (1) represents the longer transcript. Both transcript variants (1 and 2) encode the same protein. This variant represents use of an upstream long terminal repeat (LTR) promoter and exon sequence, and results in erythroid expression. (PMID: 2571923).