

Product datasheet for **MC201031**

Carhsp1 (NM_025821) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Carhsp1 (NM_025821) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Carhsp1
Synonyms:	1200011K09Rik; Crhsp-24; D16Ert465e
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >BC011225 sequence for NM_025821
 CGTGTCCGACAGGTGAGCCATGTCATCTGAGCCTCCTCCACCGCCGCTGCAGCCCCACGCATCAGACTT
 CTGTAGGGCTATTGGATACCCCTCGCACCCGGGATCGCTCTCCATCCCCCTGCGGGGCAATGTGGTCCC
 TAGCCCTCTGCCTACCCGCCGACAAGGACCTTCTCAGCGACAGTGCGGGCTTCGAGGGCCCCGCTAC
 AAAGGAGTCTGTAATGCTTCTGCCGGTCCAAGGGCCACGGCTTCATACCCAGCTGATGGTGGTCTG
 ACATCTTCTGCACATCTCTGATGTGGAAGGGGAGTATGTTCCGGTGAAGGCGACGAAGTACACTATAA
 GATGTGCTCTATCCACCCAAGAACGAGAAGCTGCAGGCTGTAGAGGTGGTCATACCCACTGGCACCA
 GGGACCAAGCATGAGACCTGGTCTGGGCACGTATCAGCAACTAGGGACCTGCAAGAACCCTTCTCCTG
 GGCTTGAGGGAGACTTTGGGGGAAGGAGGAGCAGGGCCATCCTGGATAGAACATTCTACCATAACAAGATG
 GGGCCTCAAGGCGGGCTGGCCCTCTCAAGCATTCTCGAGGGAAGGAGTTGCGGGCAGGCAAGGGGT
 GCTCTCAGCCACCAGTGCAGCCTCCAGCCATTGCAACAAGCTCTCACTGTCTGAAAAGCATTAAAAGCAT
 TTGAAAAGGAGAGGCACCTGCGGAGGCTGAGTGGCGAGGGTGCAGTCCCAGCCAAAGGCACCCGAGTAGG
 TCAAACGTGCTATTTCCCAAATGCCCCCTCAGATCAAGCCTGTAAGGACTATTCCTCAGATCTACTCGG
 CCCCTGAGGGATGTCACCAGCCCTATGAAGACTTCCCATGACCCAATGCCCTGGTGGGGAAGCTTCCC
 AGGGGACTTTGCCTCTTGGTGCCTTTGCAGCAGGTCTGTCTCCACCTTCCCTTCTGGGAAAGACTCTAA
 TGCTTAGGATCTCTGCTGTAGCACAGTAACCTGGGACTGGGCACTGGCACCCTCCGAGAAAGGCTGGGC
 TTTTCCACTTGGCCTCTAGGGATCAGGGCCCTCCATGTGGCATTAAAAGCCTATCATTAAAGTAGTGCT
 GGGGGTGGCTGTGGGGTGGGGAAGAGACCTCAGCAGGAAGGCCAAAGAGGGGAGGGTGGTCTTTATTT
 AAAAACAGAAATCCAGGCTAGTGGTGCATGCCTGTAATCTCTGCACCTGGCAGGTTGAAACAGCATTCTAG
 GCCAGCCTAGGCTACAATCTGTTAAAACAAGGGCTGGGGATATAGCTCAGTGGTGTGAGTGCTTTACTT
 AGCCCAGCGTGTGAAGGAGTCTCCGTCCACTGCTAGCATAAACCCCTAGGATGTTGACACTGACCCACTG
 AAGAAAGGCAGCTTCTTTCTGATGGCCTTGTAAAGGATAGGTGTTGAAGGAGAAATCAAAGTATATTTCT
 CTAAGACATGCCAAGGATCTTTCCCTTCTTCCCAGTCTTGGGGAGCCAGGCCCTGGAAATGCCA
 ACAGCACAGAGCTATGACGAAGCCTCGGCCTGTTTTTTTTTGGTGTGTGTAGAGTTGGGTTTTGGGGA
 AGACAGGCTCCTGCTGTATAGCCAGGCTGGCCCCAAGCTCTTAGCACCTTTTCATGCCTTGGCTTCTAT
 TTGCTGGGGTACAGGTGTGCCTTCACTCCCTGATGCTTTCTTTTTTAATAGCTCAGACTCCACAGAGC
 CCTGTTTTGCCCTGCCTGCAACACTGGAGAGCTGTGTTCAAATGAATTGATCCCTAGACTTTTTGGTG
 GTTGGCTTATGTTATGATTCAAAATAGAAGTAGTTGGGAAATGGGTTTTGAAATGTAGCTGAGAGCTCA
 CGTGTGAGAACAGGGACGCCATTTACAGTGGTACTGCCTTGAGGGCTGTCCCCATCCTAAAGGTAC
 AAAGTGTGGCTTTTCCAGACATAGGTAAGTGTAAAAATGAGTTGGGTCCCCAGAAAAAGCTAAGAT
 GCAGTGGTGCACACTTAGGTAGTCCCAGAAATGGGCAGGCTGAGCCACAATGCCTAGGGTTGGCCATCTA
 GCCAGCCTAGCTTATTTGGCGAGTTTGGGTGAGGACCTATTTTTGTCTTTTAAAAAAGTGCCTAGC
 ACCTAAGAAACAAACAAAACGTTGTCTTCTGGTTTCTACATGCATGAGAACAACAAAAAATATGTGG
 ATACACTTGTAGGGTCTTGTGCAGCGGACTCCAGTACCACCCAGCTGACCATCTTTGTTGTTGAGCTGC
 CGATGGTCATTTTTTACTTGGTCAAACATGGCCTTTTCCCACACCAGGCTTGGTTTACTGCCAGAGG
 CTCTCTTGAGGCCAAGGAACAGAAGTCTAGACCCATGCTTGCATGACCTAGGAAGGCGGCTCCCTGAGA
 CCGACAACCTTCTGATACCCATTTGTTCTAGTGGCCAATACAGCTTTGCTTTCACTCTGGTATGGTTAG
 ACTTTGGGCAGCATGGTTGACCTGCTAGTGAAGCCTGTCCCCACTGAGCTGGCAGACTGGCCTCTGA
 ATCTTTCTGCCCCACAGAACCCTTTGTAAGGGCTTTTCTTGTATGGTCACTTCAGCCTGTAGACTTATC
 CCGGAAGTCAAGGTGTTGGGAAAGACCCCTGTGATCAGAGAGTGTCAACTTATAGATAAGGAGGGACCC
 CAGCATCCAGTGTGGAGACTGATAGACTCCAAAGCTAGATGTTTGGCCATAAGCCAACCTTTTCTC
 AATAAAGTTGTTTTGTGCAAGATGAAAAAAAAAAAAAAAAAAAAAAAAA

Restriction Sites: RsrII-NotI
ACCN: NM_025821
Insert Size: 447 bp

OTI Disclaimer: Due to the inherent nature of this plasmid, standard methods to replicate additional amounts of DNA in E. coli are highly likely to result in mutations and/or rearrangements. Therefore, OriGene does not guarantee the capability to replicate this plasmid DNA. Additional amounts of DNA can be purchased from OriGene with batch-specific, full-sequence verification at a reduced cost. Please contact our customer care team at custsupport@origene.com or by calling 301.340.3188 option 3 for pricing and delivery.

The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

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: [BC011225](#), [AAH11225](#)

RefSeq Size: 2848 bp

RefSeq ORF: 447 bp

Locus ID: 52502

UniProt ID: [Q9CR86](#)

Cytogenetics: 16 4.26 cM

Gene Summary: Binds mRNA and regulates the stability of target mRNA.[UniProtKB/Swiss-Prot Function]