

## Product datasheet for **RC236048**

### CARHSP1 (NM\_001278263) Human Tagged ORF Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** CARHSP1 (NM\_001278263) Human Tagged ORF Clone  
**Tag:** Myc-DDK  
**Symbol:** CARHSP1  
**Synonyms:** CRHSP-24; CRHSP24; CSDC1  
**Mammalian Cell Selection:** Neomycin  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**ORF Nucleotide Sequence:** >RC236048 ORF sequence  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGATCGCC**

RCATGTCATCTGAGCCTCCCCACCACCACAGCCCCCACCATCAAGCTTCAGTCGGGCTGCTGGACAC  
 CCCTCGGAGCCGTGAGCGCTCACCATCCCCTCTGCGCGGCAACGTGGTCCCAAGCCCACTGCCACTCGC  
 CGGACGAGGACCTTCTCGGCGACGGTGC GGCTTACAGGGCCCCGTCTCAAAGGAGTCTGCAAATGCT  
 TCTGCCGTCCAAGGGCCATGGCTTATTACCCAGCTGATGGCGCCCCGACATCTTCTGCACATCTC  
 TGATGTGAAGGGGAGTATGTCCAGTGAAGGCGACGAGGTACCTATAAAATGTGCTCCATCCCACCC  
 AAGAATGAGAAGCTGCAGGCCGTGGAGGTCGTCATCACTCACCTGGCACCAGGCACCAAGCATGAGACCT  
 GGTCTGGACATGTCATCAGCTCC

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:** >RC236048 protein sequence  
 Red=Cloning site Green=Tags(s)

XCHLSLPHHSPPIKLSQGCWTP LGAVSAHPLCAATWSQAHCLAGRPSRRRCGLHRAPSTKESANA  
 SAGPRAMASLPQLMAAPTSSCTSLMWKGSMSQWKATRSPKCAPSHPRMRSCRPWRRSSSLTWHQAPSMRP  
 GLDMSSA

**TR**TRPLEQKLI SEEDLAANDILDYKDDDDKV

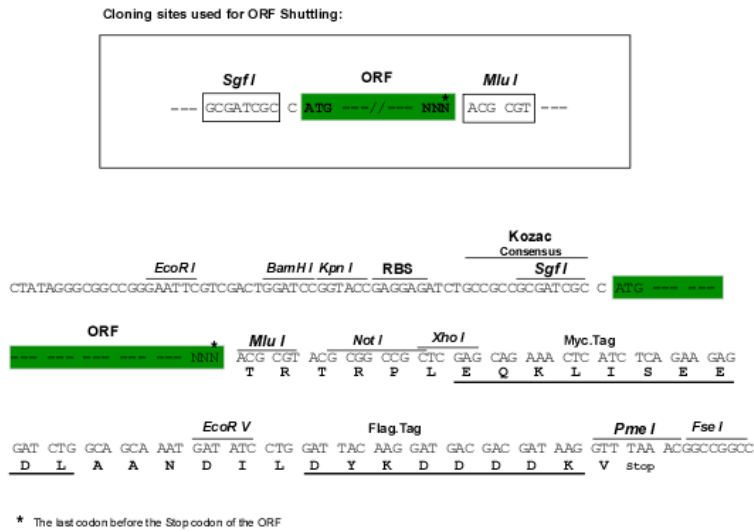
**Chromatograms:** [https://cdn.origene.com/chromatograms/mk6484\\_a05.zip](https://cdn.origene.com/chromatograms/mk6484_a05.zip)



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Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM\_001278263

ORF Size: 441 bp

OTI Disclaimer: 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](#)

OTI Annotation: This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

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: [NM\\_001278263.1](#), [NP\\_001265192.1](#)

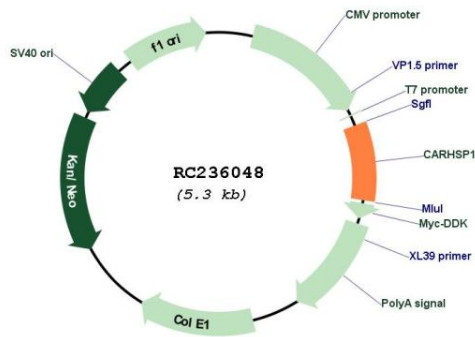
RefSeq Size: 2725 bp

RefSeq ORF: 444 bp

Locus ID: 23589

**UniProt ID:** [Q9Y2V2](#)  
**Cytogenetics:** 16p13.2  
**Protein Families:** Transcription Factors  
**MW:** 15.9 kDa  
**Gene Summary:** Binds mRNA and regulates the stability of target mRNA. Binds single-stranded DNA (in vitro).  
 [UniProtKB/Swiss-Prot Function]

**Product images:**



Circular map for RC236048