

Product datasheet for **RC236047**

CARHSP1 (NM_001278262) Human Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: CARHSP1 (NM_001278262) 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: >RC236047 ORF sequence
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

RCATGTCATCTGAGCCTCCCCACCACCACAGCCCCCACCATCAAGCTTCAGTCGGGCTGCTGGACAC
CCCTCGGAGCCGTGAGCGCTCACCATCCCCTCTGCGCGGCAACGTGGTCCCAAGCCCACTGCCACTCGC
CGGACGAGGACCTTCTCGGCGACGGTGC GGCTTACAGGGCCCCGTCTCAAAGGAGTCTGCAAATGCT
TCTGCCGTCCAAGGGCCATGGCTTATTACCCAGCTGATGGCGCCCCGACATCTTCTGCACATCTC
TGATGTGAAGGGGAGTATGTCCAGTGAAGGCGACGAGGTACCTATAAAATGTGCTCCATCCCACCC
AAGAATGAGAAGCTGCAGGCCGTGGAGGTCGTCATCACTCACCTGGCACCAGGCACCAAGCATGAGACCT
GGTCTGGACATGTCATCAGCTCC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >RC236047 protein sequence
Red=Cloning site Green=Tags(s)

XCHLSLPHHSPPIKLSQGCWTP LGAVSAHPLCAATWSQAHCLAGRPSRRRCGLHRAPSTKESANA
SAGPRAMASLPQLMAAPTSSCTSLMWKGSMSQWKATRSPKCAPSHPRMRSCRPWRRSSSLTWHQAPSMRP
GLDMSSA

TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

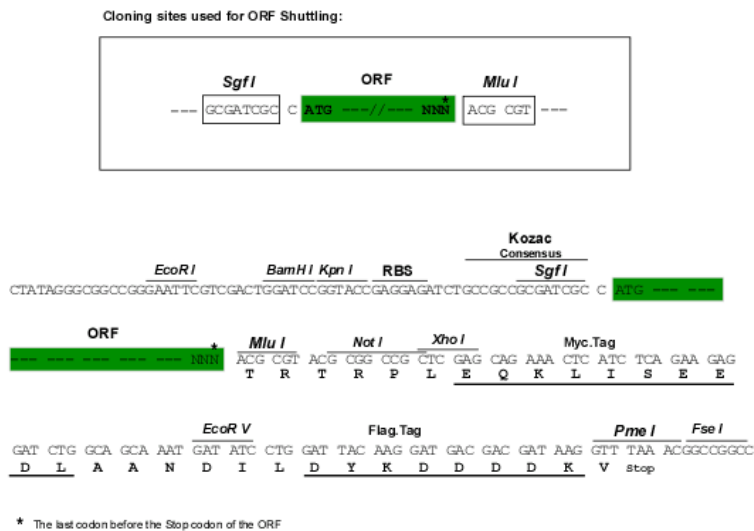
Chromatograms: https://cdn.origene.com/chromatograms/mk6484_a05.zip



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Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_001278262

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_001278262.1](#), [NP_001265191.1](#)

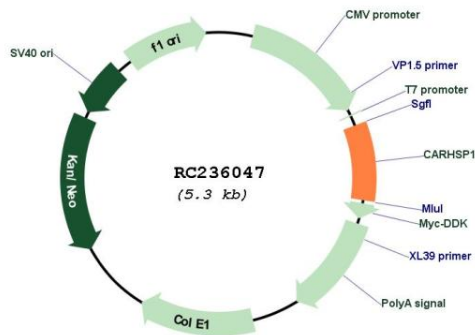
RefSeq Size: 2949 bp

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 RC236047