

## Product datasheet for **RC236045**

### CARHSP1 (NM\_001278260) Human Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	CARHSP1 (NM_001278260) 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:	>RC236045 representing NM_001278260 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGTCATCTGAGCCTCCCCACCACCACAGCCCCCACCATCAAGCTTCAGTCGGGCTGCTGGACCCC  
CTCGGAGCCGTGAGCGCTACCATCCCCCTGCGCGGCAACGTGGTCCCAAGCCACTGCCACTCGCCG  
GACGAGGACCTTCTCGGCGACGGTGC GGCTTACAGGGCCCGTCTACAAAGGAGTCTGCAAATGCTTC  
TGCCGGTCCAAGGGCCATGGCTTACATCCAGCTGATGGCGGCCCGACATCTTCTGCACATCTCTG  
ATGTGGAAGGGGAGTATGTCCAGTGAAGGCGACGAGGTCACCTATAAAATGTGCTCCATCCACCCAA  
GAATGAGAAGCTGCAGGCCGTGGAGTCTCATCACTCACCTGGCACCAGGCACCAAGCATGAGACCTGG  
TCTGGACATGTCATCAGCTCC

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:	>RC236045 representing NM_001278260 Red=Cloning site Green=Tags(s)
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MSSEPPPPQPPTHQASVGLLDTPRSRERSPLRGNVVPSPLPTRRTRTF SATVRASQGPVYKGVCKCF  
CRSKGHGFI TPADGGPDIFLHISDVEGEYVPVEGDEVYKMC SIPPKNELQAVEVVITHLAPGKTHETW  
SGHVISS

**TR**TRPLEQKLI SEEDLAANDILDYKDDDDKV

Chromatograms:	<a href="https://cdn.origene.com/chromatograms/mk6484_a05.zip">https://cdn.origene.com/chromatograms/mk6484_a05.zip</a>
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Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM\_001278260

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\\_001278260.1](#), [NP\\_001265189.1](#)

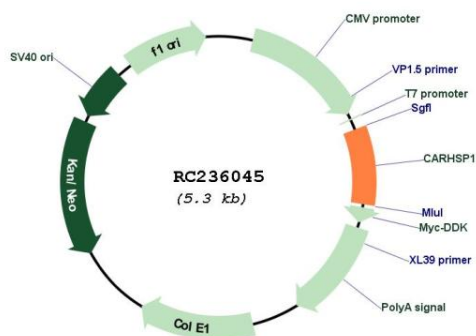
RefSeq Size: 2851 bp

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 RC236045