

Product datasheet for **RG236048**

CARHSP1 (NM_001278263) Human Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: CARHSP1 (NM_001278263) Human Tagged ORF Clone
Tag: TurboGFP
Symbol: CARHSP1
Synonyms: CRHSP-24; CRHSP24; CSDC1
Mammalian Cell Selection: Neomycin
Vector: pCMV6-AC-GFP (PS100010)
E. coli Selection: Ampicillin (100 ug/mL)
ORF Nucleotide Sequence: >RG236048 representing NM_001278263.
 Blue=ORF Red=Cloning site Green=Tag(s)

```
GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTACTATAGGGCGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGTCATCTGAGCCTCCCCACCACCACAGCCCCACCCATCAAGCTTCAGTCGGGCTGCTGGACACC
CCTCGGAGCCGTGAGCGCTCACCATCCCCTCTGCGCGGCAACGTGGTCCCAAGCCACTGCCCACTCGC
CGGACGAGGACCTTCTCGGCACGGTGC GGCTTACAGGGCCCCGTCTACAAAGGAGTCTGCAAATGC
TTCTGCCGGTCCAAGGGCCATGGCTTCATTACCCAGCTGATGGCGGCCCGACATCTTCTGCACATC
TCTGATGTGGAAGGGGAGTATGTCCAGTGAAGGCGACGAGGTACCTATAAAATGTGCTCCATCCCA
CCCAAGAATGAGAAGCTGCAGGCCGTGGAGGTCGTCATCACTCACCTGGCACCAGGCACCAAGCATGAG
ACCTGGTCTGGACATGTCATCAGCTCC
ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAAAC
```

Protein Sequence: >Peptide sequence encoded by RG236048
 Blue=ORF Red=Cloning site Green=Tag(s)

```
MSSEPPPPPPPTHQASVGLLDTPRSRERSPSPLRGNVVPSPLPTRRTRTF SATVRASQGPVYKGVCKC
FCRSKGHGFI TPADGGPDIFLHISDVEGEYVPVEGDEVTKMCSIPPKNEKLQAVEVVIHLAPGKHE
TWSGHVISS
TRTRPLEMESDESGLPAMEIECRITGTLNGVEFELVGGEGTPEQGRMTNKMSTKGALTFSPYLLSHV
MGYGFYHFGTYPSTYENPFLHAINNGGYNTRIEKYEDGGVLHVSFSYRYEAGRVIGDFKVMGTGFPED
SVIFTDKIIRSNATVEHLHPMGDNDLDGSFTRTFSLRDGGYSSVVD SHMHFKSAIHPSILQNGGPMFA
FRRVEEDHSNTELGIVEYQHAFKTPDADAGEERV
```

Restriction Sites: SgfI-MluI

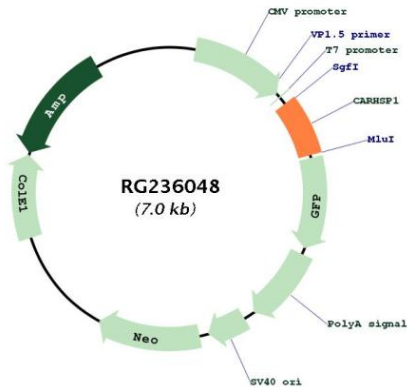


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Cloning Scheme:


- 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).
- 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 RG236048