

## Product datasheet for **RG235470**

### Host cell factor C1 regulator 1 (HCFC1R1) (NM\_001288668) Human Tagged ORF Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Host cell factor C1 regulator 1 (HCFC1R1) (NM\_001288668) Human Tagged ORF Clone  
**Tag:** TurboGFP  
**Symbol:** Host cell factor C1 regulator 1  
**Synonyms:** HPIP  
**Mammalian Cell Selection:** Neomycin  
**Vector:** pCMV6-AC-GFP (PS100010)  
**E. coli Selection:** Ampicillin (100 ug/mL)  
**ORF Nucleotide Sequence:** >RG235470 representing NM\_001288668.  
Blue=ORF Red=Cloning site Green=Tag(s)

```
GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGGCCACCCACTTCTCTCAACTCAGCCTGCACAATGACCACCCCTACTGCAGCCCCCATGACCTTC
TCCCCAGCCCTGCCCCACTCAGGAGCCCTTGCTCTGAGCTGCTTCTCTGGCGCTATCCTGGCAGCCTC
ATCCCTGAGGCCCTCCGCTGCTGAGGCTGGGGGACACCCCCAGTCCCCCTACCCTGCAACCCAGT
GGGGACATAATGGAGCTC
ACGCGTACGCGCCGCTCGAG - GFP Tag - GTTTAAAC
```

**Protein Sequence:** >Peptide sequence encoded by RG235470  
Blue=ORF Red=Cloning site Green=Tag(s)

```
MATHFSQLSLHNDHPYCSPMFTSPALPPLRSPCSELLLWRYPGSLIPEALRLLRLGDTSPPPYPATPA
GDIMEL
TRTRPLEMESDESGLPAMEIECRITGTLNGVEFELVGGEGTPEQGRMTNKMKSTKGALTFSPYLLSHV
MGYGFYHFGTYPSGYENPFLHAINNGGYNTRIEKYEDGGVLHVSFSYRYEAGRVIGDFKVMGTGFPEP
SVIFTDKIIRSNAIVEHLHPMGDNDLDGSFTRTFSLRDGGYSSVVDSHMHFKSAIHPSILQNGGPMFA
FRRVEEDHSNTELGIVEYQHAFKTPDADAGEERV
```

**Restriction Sites:** SgfI-MluI



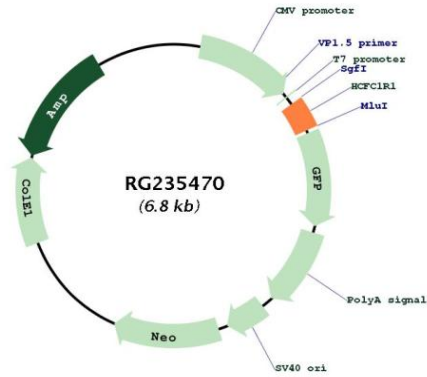
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**Gene Summary:**

Regulates HCFC1 activity by modulating its subcellular localization. Overexpression of HCFC1R1 leads to accumulation of HCFC1 in the cytoplasm. HCFC1R1-mediated export may provide the pool of cytoplasmic HCFC1 required for import of virion-derived VP16 into the nucleus.[UniProtKB/Swiss-Prot Function]

**Product images:**



Circular map for RG235470