

Product datasheet for **RC235945**

Host cell factor C1 regulator 1 (HCFC1R1) (NM_001288667) Human Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Host cell factor C1 regulator 1 (HCFC1R1) (NM_001288667) Human Tagged ORF Clone
Tag: Myc-DDK
Symbol: HCFC1R1
Synonyms: HPIP
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
ORF Nucleotide Sequence: >RC235945 representing NM_001288667
Red=Cloning site Blue=ORF Green=Tags(s)

TTTGTAAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGC**

ATGATCCTGCAGCAGCCCTTGACGAGGCCCCAGGGAGGGGCCAGCGCCTCCCGGGGCCGCTTGG
GGGTGACTTGGGCCTGGACGCCAGGCTGCCTCCTGTGTGTCAGTATCCAGCCTGCCTCTCTGCCATCTCT
CCCCAGGGAGCCTCTGCGCAAGCAGTTTCTGTCTGAGGAGAACATGGCCACCCACTTCTCTCAACTCAGC
CTGCACAATGACCACCCCTACTGCAGCCCCCATGACCTTCTCCCCAGCCTGCCCCACTCAGGAGCC
CTTGCTCTGAGCTGCTTCTCTGGCGCTATCCTGGCAGCCTCATCCCTGAGGCCCTCCGTCTGCTGAGGCT
GGGGGACACCCCACTCCCCCTACCCTGCAACCCAGCTGGGGACATAATGGAGCTC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >RC235945 representing NM_001288667
Red=Cloning site Green=Tags(s)
MILQQPLQRGPQGAQRLPRAALGVTWGLDARLPPVSVSQPASLPSLPREPLRKQFLSEENMATHFSQLS
LHNDHPYCSPMTFSPALPLRSPCSELLLWRYPGSLIPEALRLRLGDTSPPPYPATPAGDIMEL

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-MluI

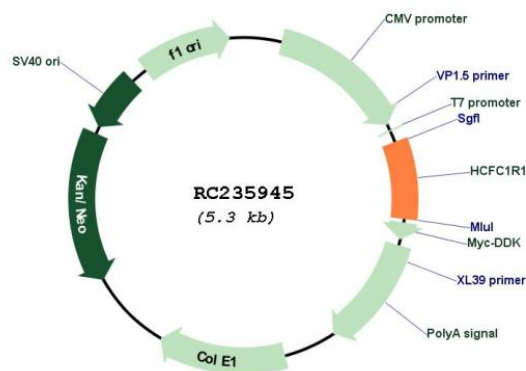


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Cloning Scheme:



Plasmid Map:



ACCN: NM_001288667

ORF Size: 408 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:	<ol style="list-style-type: none"> 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_001288667.1 , NP_001275596.1
RefSeq Size:	1017 bp
RefSeq ORF:	411 bp
Locus ID:	54985
UniProt ID:	Q9NWW0
Cytogenetics:	16p13.3
Protein Families:	Druggable Genome
MW:	15.4 kDa
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]