

Product datasheet for SC300391

Host cell factor C1 regulator 1 (HCFC1R1) (NM_001002017) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Host cell factor C1 regulator 1 (HCFC1R1) (NM_001002017) Human Untagged Clone
Tag:	Tag Free
Symbol:	HCFC1R1
Synonyms:	HPIP
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC300391 representing NM_001002017. Blue=Insert sequence Red=Cloning site Green=Tag(s)

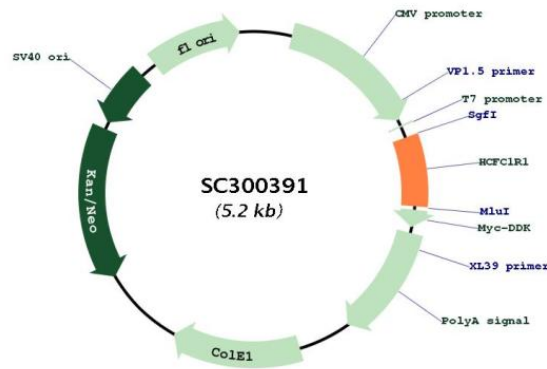
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GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGATCCTGCAGCAGCCCTTGCAGCGAGGCCCCAGGGAGGGGCCAGCGCCTCCCAGGGCCGCTTG
GGGGTGAATTGGGGCCTGGACGCCAGGGAGCCTCTGCGCAAGCAGTTTCTGTCTGAGGAGAATGGCC
ACCCACTTCTCTCAACTCAGCCTGCACAATGACCACCCCTACTGCAGCCCCCATGACCTTCTCCCCA
GCCCTGCCCACTCAGGAGCCCTTGTCTGAGCTGCTTCTTGGCGCTATCCTGGCAGCCTCATCCCT
GAGGCCCTCCGTCTGCTGAGGCTGGGGACACCCCACTCCCTACCCTGCAACCCAGCTGGGGAC
ATAATGGAGCTCTGA
ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC
```

Restriction Sites: Sgfl-MluI



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Plasmid Map:



ACCN: NM_001002017

Insert Size: 360 bp

OTI Disclaimer: Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).

OTI Annotation: This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.

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_001002017.2](#)

RefSeq Size: 966 bp

RefSeq ORF: 360 bp

Locus ID: 54985

UniProt ID: [Q9NWW0](#)

Cytogenetics: 16p13.3

Protein Families: Druggable Genome

MW: 13.2 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]
Transcript Variant: This variant (2) lacks an in-frame exon in the central coding region, compared to variant 1. The encoded isoform (2) is shorter, compared to isoform 1. Both variants 2 and 5 encode the same isoform.