

Product datasheet for **SC113925**

Host cell factor C1 regulator 1 (HCFC1R1) (NM_017885) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Host cell factor C1 regulator 1 (HCFC1R1) (NM_017885) Human Untagged Clone
Tag:	Tag Free
Symbol:	Host cell factor C1 regulator 1
Synonyms:	HPIP
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene ORF within SC113925 sequence for NM_017885 edited (data generated by NextGen Sequencing) ATGATCCTGCAGCAGCCCTTGCAGCGAGGCCCCAGGGAGGGGCCAGCGCCTCCC GCGG GCCGCCTTGGGGGTGACTTGGGGCCTGGACGCCAGCTCCCTCTCCGAGGAGCTGTGCC ATGAGCACCAAGCGCGCCTGGAGGAGGAGCAGGAGCCTCTGCGCAAGCAGTTTCTGTCT GAGGAGAACATGGCCACCCACTTCTCTCAACTCAGCCTGCACAATGACCACCCTACTGC AGCCCCCATGACCTTCTCCCCAGCCCTGCCCCACTCAGGAGCCCTTGCTCTGAGCTG CTTCTTGCGCTATCCTGGCAGCCTCATCCCTGAGGCCCTCCGTCTGCTGAGGCTGGGG GACACCCAGTCCCCCTACCCTGCAACCCAGCTGGGGACATAATGGAGCTCTGA Clone variation with respect to NM_017885.2



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5' Read Nucleotide Sequence:

>OriGene 5' read for NM_017885 unedited
 NGGTAACGTCANAATTTGNTAATACGACTCACTATAGGGCGGCCGGAATTCGCACGAGG
 CCGCCTTCGGCGCGAAGTGGCTGGTGCCTACCGTCCCGAACCCCTAGGAGCCGAGGTGAGC
 GCCGCGAAGACCCCGACATTAAGAAGTGGTGTCCACCGCAGCCCCCTTAAGCCGGATAC
 CCTCCCCACCCCGAGGAGCAAGCTGCCTTCCGCCACGCGCCCGCCGTCTTCCGCGCCC
 GCGCAGAACCTCGCGGCTGTGCCCGCTAAAGCCACGCCCATCCTCTCTTGCCACGCCC
 TCAGAGACTCCTCCCCTGTCGCCAGATCCCACCGCAGGACCCAAAACCCAATGATCC
 TGCAGCAGCCCTTGCAGCGAGGCCCCAGGGAGGGGCCAGCGCCTCCCGCGGGCCGCT
 TGGGGGTGACTTGGGGCCTGGACGCCAGCTCCCCTCTCCGAGGAGCTGTGCCATGAGCA
 CCAAGCGGCGCCTGGAGGAGGAGCAGGAGCCTCTGCGCAAGCAGTTTCTGTCTGAGGAGA
 ACATGGCCACCCACTTCTCAACTCAGCCTGCACAATGACCACCCCTACTGCAGCCCC
 CCATGACCTTCTCCCAGCCCTGCCCCACTCAGGAGCCCTTGCTCTGAGCTGCTTCT
 GGGCTATCCTGGCAGCCTCATCCCTGAGGCCCTCCGTCTGGAGCTGGGGGGGGGACAC
 CCCCAGTCCCCCTACCTGGAACCCCGAGCTGGGGACATAATGGAGCTCTGAGTGT
 GGTGGACAGTCCCCTCCACCTTCTTCTTCCACACAAGAGAGACCAGCGACTCCC
 GCAAAGGGACAAGTTCTCCCTCTCTGCAGAGTAGGCATCTGGGCACCAAGA

3' Read Nucleotide Sequence:

>OriGene 3' read for NM_017885 unedited
 GCGGCCCGCAATCNAGNAGTCGAGTTTTTTTTTTTTTTTTTTTGGCTCAGCAATCTTTATT
 CAGTTCTTCTGGGGGTGGGATGCCTCCCTTCCCATGCTCCCACCCCTCCCATCCCAGAA
 CTCCGTTGGGCTCAGTGTCTCTGTTGAGGGAAGGTCTTGGTGCCAGATGCCTACTCTG
 CAGGAGAGGGAGGAACCTTGCCCTTTGCGGGAGTCGCTGGTCTTCTGTTGTGGGGAA
 GAAGGAAGGTGGGAGGGGCACTGTCCACCAGCACTCAGAGCTCCATTATGTCCCCAGCTG
 GGGTGCAGGGTAGGGGGGACTGGGGGTGTCCCCANCCTCANCANACGGAGGGCCTCAN
 GGATGAGGCTGCCAGGATAGCGCCAGAGAAGCAGCTCAGAGCAAGGGCTCCTGAGTGGGG
 GCAGGGCTGGGGACAAGGTATGGGGGGGCTGCACTANGGGTGGCCATTGTGCAGGCTTG
 ACTGAAAGAACTGGGTGGCCATGTTCTCCTCACACGAACTGCTTGCCAAAAGCTCCCC
 GCTCCCTCTCCAGCGCCCTTGGTGCTCACGGCCACAGCTCCTTGGAAGGGGACCTGGC
 CTCCTCCCCCAGTTCCTCCCCACAGCTGCCCTGTCTACGCCCCCTGCCCTCCCCCGG
 GGCCCCCCTCCCGCTCCCCCGCCCCCTCCCCCCCCCCCCCGCCCGGNNNTTTNN
 NTTTTGCCCCGCGCACCCACTCTCCCCCTCTCCCCCGCCCCCCCCCCCCCTTCCC
 CCCCCCTCATCTTCCCCCCCCCCCCCCCCCGCGACTTTCCCGCCCCCGCTCCCCCTTT
 CCTCCTTCTTTTCTTCTCCCTTCCCTACCTCCTCTCCCCCTCTGCGCCCCCCCCCGT
 TTTATTCCTTCCCTTCCCCCCCCCCCCCTTCACTTCA

Restriction Sites:

NotI-NotI

ACCN:

NM_017885

Insert Size:

1030 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).

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:	<u>NM_017885.2</u> , <u>NP_060355.1</u>
RefSeq Size:	1000 bp
RefSeq ORF:	417 bp
Locus ID:	54985
UniProt ID:	<u>Q9NWW0</u>
Cytogenetics:	16p13.3
Protein Families:	Druggable Genome
Gene Summary:	<p>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]</p> <p>Transcript Variant: This variant (1) encodes the longest isoform (1). Variants 1, 3, and 4 encode the same isoform.</p>