

## Product datasheet for RN214974

### Hcfc1 (NM\_001139507) Rat Untagged Clone

#### Product data:

Product Type: Expression Plasmids  
 Product Name: Hcfc1 (NM\_001139507) Rat Untagged Clone  
 Tag: Tag Free  
 Symbol: Hcfc1  
 Synonyms: RGD1563804  
 Vector: pCMV6-Entry (PS100001)  
 E. coli Selection: Kanamycin (25 ug/mL)  
 Cell Selection: Neomycin  
 Fully Sequenced ORF: >RN214974 representing NM\_001139507  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCCGCGATCGCC

ATGGCTTCGGCTGTGTCCCCGCTAACTTGCCAGCGGTGCTTCTACAGCCCCGTGGAACGGGTGGTGG  
 GTTGGTCGGGTCCCGTGCCGCGACCCCGCCACGGCCACCGTGCAGTAGCTATCAAGGAGCTTATAGTGGT  
 GTTTGGCGGGCAATGAGGGGATAGTGGACGAACACTACAGGTGTACAACACTGCGACCAACCAGTGGTTC  
 ATCCCAGCTGTGAGAGGGGATATCCCTCCAGGGTGTGCAGCCTATGGCTTGTATGTGATGGTACTCGCC  
 TGCTGGTGTGGTGAATGGTAGAGTATGGAAAATACAGCAACGACCTCTATGAGCTCCAGGCAAGTCG  
 CTGGGAATGGAAGAGACTGAAGGCAAAGACACCCAAAAACGGGCCTCCTCCGTGTCTCGCTTGGACAC  
 AGTTTCTCCCTTGTGGGCAACAAATGTTACCTGTTTGGGGTCTGGCCAATGATAGTGAGGACCCCAAGA  
 ACAACATCCGAGGTACCTGAATGACTTATATATTCTCGAACTACGGCCAGGCTCTGGAGTGGTAGCTTG  
 GGACATCCCATCACTTATGGTGTCTTCTCCACCCGGGAGTCACATACTGCTGTGGTCTACACTGAA  
 AAAGATAACAAGAAATCCAAGCTGGTGATCTATGGAGGGATGAGTGGCTGCAGGCTAGGGGACCTTTGGA  
 CCTGGACATTGAGACACTGACATGGAATAAGCCAGCCTTAGTGGGGTGGCACCCTTCTCGCAGCCT  
 CCACTCTGCAACCACCATAGGAAACAAAATGTATGTTTGGTGGCTGGGTGCCCTTGTATGGAGCAT  
 GTCAAAGTGCCACACACGAGAAGGAATGGAAGTGTACCAACACACTGGCTTGTCTCAACCTGGATACCA  
 TGGCCTGGGAAACCATCCTGATGGATACACTGGAGGACAACATTCTCGAGCTCGAGCAGGCCACTGTGC  
 TGTGGCATCAATACTCGCTGTATATTGGAGTGGCCGTGATGGCTATCGCAAGGCTGGAACAATCAG  
 GTCTGTGCAAGGACCTGTGGTATCTGGAGACAGAAAAGCCACCACCCAGCCGAGTTCAACTAGTAC  
 GAGCCAACCAACTCACTGGAGTTAGCTGGGTGCAGTGGCAACAGCCGACAGTTACCTTCTACAAC  
 CCAGAAATATGACATTCCTGCCACAGCTGCTACGGCTACCTCCCCACTCCCAATCCAGTCCCGTCTGTG  
 CCTGCCAACCTCCAAGAGCCCTGCGCCAGCAGCAGCTGCACCTGCTGTACAACACTGACCCAAGTAG  
 GCATCACACTTGTGCCAGGCTGCCGCTGCACCCCAAGCACAACCACCATCCAGTCTTGCCGACAGT  
 GCCAGGACGCTCTATTTCTGTGCCACTGCAGCCAGGACTCAAGGTGTCCCTGCTGTTCTCAAAGTGACT  
 GGTCTCAAGCTACAACAGGAACCACTGGTCCATGAGACCTGCAAGCCAGGCTGGAAGGCTCCTG



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TCACTGTGACTTCCCTGCCTGCCAGTGTGAGAATGGTTGTACCCACTCAGAGTGCCACAGGCACGGTGAT  
TGGCAGCAACCCACAGATGAGTGGGATGGCTGCATTGGCTGCTGCTGCTGCCACACAGAAAATCCCT  
CCTTCTCAGCACCCACAGTGTAAAGTGTCCCAGCAGGCACCACCATTGTCAAGACAGTGGCTGTGACAC  
CTGGTACAACCACTCTCCAGCCACTGTGAAGTGGCCTCCTCACCTGTTATGGTGAAGCAACCCAGCTAC  
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CCTATCATCACAGTACATAAATCAGGGACTGTAACAGTGGCCAGCAAGCCAGGTGGTGACCACGGTGG  
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CTGCTCAGGCCAAGTGTGGCACTGGAGACTGGGAGCCATAGCCCTGCCTTCGTGCAACTAGCCCTCCAA  
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TAGAGGCCCTGTGTGCCCTTCACTACTGTGACCCAAGTCTGCTCCAACCCACCATGTGAGACCCATGA  
GACGGGTACCACCAACACCGCCACTACCTCCAATGCGGGCAGTGTCTCAGCGAGTATGCTCTAACCCACT  
TGTGAGACTCATGAGACGGGCACCACACACAGCTACCCTGCCACATCAAATGGAGGCGCAGGCCAGC  
CTGAGGGTGGACAACAGCCTGCCAGTGGCCATCCCTGCGAGACACACCAGACCCTTCCACTGGCACCAC  
TATGTCAGTCAAGTGGGTGCCCTGATTCTGTGCCACTCCCTCTCATGGGACCCTGGAGTCTGGTTTA  
GAGGTGGTAGCAGTGGCACTGTCACTCCAGGCTGGTGCCACATTGCTGGCCTTTTCAACACAGA  
GGGTATGCTCCAATCCTCCTTGGGAGACCCACGAGACAGGTACAACGCACACAGCCACCCTGTCACTC  
TAACATGAGCTCAAACCAAGACCCTCCACCAGCTGCCAGTGACCAAGGAGAAGTGGCGAGTACCCAAGT  
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CCACTGTGACACAGTCTACACCAGTCCCAGTCTTCTGTGCCGCCCCAGAGGAACTCCAGGTCTCACC  
AGGGCCTCGCCAGCAGCTGCCTCCAAGGCAACTCTGCAGTCTGCCTCCACACCCTGATGGGGAGTCC  
GCCGAGTCTGTGAGCTCCAGACCCCTGAGCTCCAGGCCCGCTGGATCTGAGCAGCACTGGGGACC  
CATCTTCACTCCAGGAGCTACCACCTGCTGTTGTGGCCACTGTGGTGGTCCAACCACCCCAACCCAC  
ACAGTCTGAAGTAGACCAGTTATCACTTCCCCAAGAGCTGATGGTGAAGCCAGGCGGGCACCACAACC  
CTTATGGTAACAGGGCTCACTCCAGAGGAGTGGCAGTACTGCTGCTGCTGAAGCAGCTGCTCAAGCTG  
CAGCCACTGAAGAAGCTCAAGCCTTGCCATCCAGGCTGTGCTCCAGGCTGCACAGCAGGCTGTCATGGG  
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GCTGAAGGCCAAGAGGGTCAGGCTACCACCATACCCATTGTGCTGACACAGCAGGAGCTTGACGCTCTT  
TACAGCAGCAGCAGCTCCAGGAGGCTCAAGCCCAAGCCAGCAACAGCACCACCTTCCCACTGAGGC

TCTGGCCCCAGCTGACAGTCTCAATGACCCATCCATCGAGAGCAACTGCCTCAATGAGTTAGCTAGTGCT  
 GTCCCCAGCACTGTGGCCTTGCTACCCTCAACAGCTACTGAGAGTTTGGCTCCATCTAACACATTTGTGG  
 CTCCTCAGCCTGTTGTTGTAGCCAGTCCAGCAAAGATGCAGGCTGCAGCAACCCTTACTGAAGTGGCAA  
 TGGCATTGAGTCCCTGGGTGTGAAACCGGACTTGCCACCCCAACCAGCAAAGCCCCTATAAAAAAGGAG  
 AACCAGTGGTTTGTATGTGGGGTCATTAAGGTACCAGTGAATGGTGACACACTATTTTCTGCCACCAG  
 ATGATGCTGTTTCAGTCAGATGATGACTCAGGCACCGTTCAGACTATAACCAGCTAAAGAAGCAGGAGT  
 GCAGCCAGGCACAGCTTATAAATTCGAGTTGCTGGAATCAATGCTTGTGGCCGGGCCCCTTCAGTGAG  
 ATCTCAGCCTTTAAGACTTGTCTGCCTGGTTTTCCAGGGGCTCCTTGTGCTATTAATAATCAGCAAGAGCC  
 CAGATGGTGCTCACCTCACCTGGGAGCCACCCTCTGTGACCTCCGGCAAGATTATCGAGTACTCTGTGTA  
 CCTGGCCATCCAGAGCTCACAGGCCAGTGGTGAGCCCAAGAGCTCTACCCAGCCAGCTGGCCTTCATG  
 CGAGTATACTGTGGCCTAGCCCTTCTGCCTTGTGCAGTCTCCAGCCTCTCCAACGCCACATTGACT  
 AACTACAAGCCTGCCATCATCTCCGCATTGCTGCCCGCAATGAAAAGGGCTACGGCCCTGCCACACA  
 AGTGAGGTGGTTACAAGAAACCAGTAAAGACAGCTCTGGCACCAAGCCAGCTAGCAAGCGGCCCATGTGC  
 TCTCCAGAAATGTAA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI

**ACCN:** NM\_001139507

**Insert Size:** 6105 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:**

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\\_001139507.1](#), [NP\\_001132979.1](#)

**RefSeq Size:** 9128 bp

**RefSeq ORF:** 6105 bp

**Locus ID:** 363519

**Cytogenetics:** Xq37