

## Product datasheet for **RN202902**

### **Hcfc2 (NM\_001008357) Rat Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Hcfc2 (NM_001008357) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Hcfc2
Synonyms:	MGC95223
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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**Fully Sequenced ORF:** >RN202902 representing NM\_001008357  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGGCGGCTCCCAGCCTCTCAACTGGAGCGGGTTTCTCTTACCGGGCCGGTGCCCGCGCCCGGC  
 ACGGACACCGAGCGGTGCCATCCGGGAGCTGATGATCATCTTCGGCGGGGGCAACGAGGGCATCGCGGA  
 CGAGCTGCACGTCTACAACACCGTTACCAATCAGTGGTTCTACCAGCTGTCCGAGGAGACATCCCCCA  
 GGCTGCGCGGCCACGGTTTTGTCTGTGACGGTACTAGAATCCTAGTATTTGGGGGAATGGTTGAATATG  
 GAAGATACAGCAATGAGTTGTATGAGTTACAAGCAAGCCGTTGGTTATGGAAAAAGTGAACCCAGCC  
 CCCTCCTCCGGTTTACCTCCTGTCTCGGCTTGGACATAGCTTCTCTTATATGGTAACAAATGCTAT  
 TTGTTTGTGGTTTGGCAAATGAAAGTGAAGATCAAATAATAATGTCCCAGGTATCTCAATGATTTCT  
 ATGAGTTGGAGCTGCAGCATGGCTCTGGTGTGTGGGCTGGAGCGTTCAGCCACCAAAGGCACTGTGCC  
 TTCTCCACGGGAATCCCACACTGCTGTTATATACTGTAAAAGAGACTCTGGGAGTCTAAGATGTATGTC  
 TTTGGTGGGATGTGCGGTGCTGCTGATGACCTATGGCAGCTTGATTTAGAAACTATGTCATGGTCAA  
 AACCAGAAACTAAAGGGACAGTACCCTCCACGAAGCCTTACACAGCCAGTGTATAGGAAACAGAT  
 GTACATTTTGGTGGATGGGTTCCACATAAAGGTGAAAACACTGAGAATCTCCCATGATTGTGAGTGG  
 AGGTGCACCAGCTCGTTTTCGTACCTAAATCTAGATACAGCAGAGTGGACTACTCTGGTGTGAGATCCC  
 AGGAAGATAAAAAAACTCAAGGCCAAGACCGAGAGCAGGACACTGTGCCGTTGCGATCGGCACTCGACT  
 GTACTTCTGGAGTGAAGAGACGGCTACAAAAAGCCCTAACAGTCAGGTGTGCTGCAAGGACCTGTGG  
 TATCTTGATACCGAGAAACCTCCAGCACCATCACAAGTCCAGTTAATCAAAGCTACTACCAACTCTTTCC  
 ATGTCAAGTGGGATGAAGTGCCTACGGTCGAGGGCTATCTTCTGCAGTTAAACACTGACGACACCA  
 AGCGGCATCGCCTGACGCTTACGACGACCAAATACGCTAGGAGGCAGGACCGACCCTCACAGACAAGGC  
 AGTAATAGCATCCTTCATAACAGTGTTAGTGATCCAGCAAACCTGTACAAAACCTGAACACACGGCTGTGG  
 CTGCGAGAGGAATGCACTGAAGAGCAAACCAGACTCAAGAGCAGCAGACTCCAGTGTGCTTTGCACTC  
 GCCATTGGCGCCTAACACTTCCAACAACAACAGCTGTATGGCGGACATGCTGTGGAAGAGCGAAGTTGAC  
 GAAATATGTGCTGCTGCAACTAAGATCAGCCGTGTAGAGGCACATGCTGCAGCAACACCATTTTCTA  
 AAGAGACACCTTCAAATCCAGTGGCCATTTTAAAAGCAGAGCAATGGTGTGATGTGGGGATTTTAAAAA  
 CAATACAGCTTTGGTGGCCAAATTTATTTGCTACAAAAGGAAAACAAAGTATGTCAAAGGTAGGAAAT  
 GCAGAGCTACCCGACTACAGTTTGTAAAGAAACAGGACCTTGTCCAGGAACAGTCTATAAATTCAGGG  
 TTGCTGCAATCAATGGTTGTGGAATAGGCCCTTTCAGTAAACTCAGTGAATTTAAAACATGTATCCCTGG  
 TTTCCCTGGAGCTCCTTCTACAGTCCGATTTTCTAAGAATGTTGAAGGTATCCACCTTCTCTGGGAGCCT  
 CCAACGTCACCCTCTGGAATATTTCTGGAATACTCAGCTTACTTGGCTATCCGCACAGCAGGTCAGG  
 ACAATCCCAGCCAACTCGTGTTCATGAGGATCTACTGTGGTCTGAAGACCTCGTGCATAGTGACTGCTGG  
 ACAGCTGGCAAACGCGCACATTGATTACACGTCCAGACCTGCCATTGTGTTTCAAGTATCAGCAAAGAA  
 TAAAAGGGCTACGGACCCGCCACGCAAGTCCGATGGCTTCAAGGTAACAGTAAAAAGCCCTTTGAGTT  
 GA

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI  
**ACCN:** NM\_001008357  
**Insert Size:** 2172 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).

<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<u><a href="#">NM_001008357.1</a></u> , <u><a href="#">NP_001008358.1</a></u>
<b>RefSeq Size:</b>	2384 bp
<b>RefSeq ORF:</b>	2172 bp
<b>Locus ID:</b>	314704
<b>UniProt ID:</b>	<u><a href="#">Q5RKG2</a></u>
<b>Cytogenetics:</b>	7q13