

## Product datasheet for **RN207489**

### Phc2 (NM\_001013169) Rat Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Phc2 (NM_001013169) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Phc2
Synonyms:	MGC105958
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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**Fully Sequenced ORF:** >RN207489 representing NM\_001013169  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGGAGAATGAGCTGCCAGTCCCCACACATCCAGCCGGCCAGCATCACCACCAACACCAGTGGGACCA  
 ATAGTAGCAGTGGCTGCAGCAGCAGCAGTGGTGGTGGCAGTGGCCGCCACTGCACCCAGATTCTGT  
 CTACAGTGGTATTCTGACCCGGCAGACTGTGCAGGTGATCCAGCAGGCCCTGCACAGGCAGCCAGCAGC  
 GCGGCACAGTACCTGCAGCAGATGTATGCTGCCAACAGCAGCACCTCATGCTGCAGACAGCAGCCTTGC  
 AGCAGCAGCACCTCAGCAGCGCACAGCTCCAGAGCCTTGCAGCAGTGCAGCAGGCAAGCCTGGTGGCCAA  
 CAGACAAGGGAGTACTTCTGGTAGCAGTGTCTCTCACAGGCTCCCGCCAGTCTTCTCACTGAATCTG  
 GCAGCCTCCCAGCAGCAGCCAGCTTATCAACCGGGCACAGAGTGTCAATTCAGCCACAGCCTCGGGCC  
 TTGCCAGCAGGCCGTGCTCTTGGGCAACAGTCTCTCTGCCCTGACTGCCAGCCAAGCACAGATGTA  
 CCTCAGGGCACAGATGCTCATCTTACGCCACAGGCCACCGTCTGACTACTGTACAGCCTGAGCTCGGCACT  
 GGCTCCCCGCTCGGCCCTACCCCTGCCAGGTACAGAACCTGACGCTTGAACACAGCAGACACCAG  
 CAGCAGCAGCAGCAGCAGCAGCCTCGGGCCCTGCCCTACCCAGCCCGTCTGCCAGCTTGGCCCTGAA  
 ACCCACACCCAGCAGTAGCCAGCCTCTGCCTCCCACACCAGGGCAGGACCGTGGTTACAGGTTCCCTT  
 GTGGGTGCCAAGCCTAGTGTGACTGACAATGTGACGGAGCCACTCAAGACAGATGGCAACAGCAACATGG  
 AGGCCCGGCTGGGCTGACCGGCCACCGTTCCTACTGTGGTACTCACCAGCTCACTGCACCAGCTTA  
 CACTCAACTGCAGCCACACCACTCTCCACAGCCGTATCAAAGCATCCACAGCCCAAGTTTGTGGCC  
 CAGCAGCAACACAGCCACCAGGCCACACCCCAAGTCCAGTCCAACCCAGCTTGGCCAGCCTCTC  
 CAAGCTGGCCCTACAGCCAGTCCAGAAGGCCATGCCATGCCTTAGGCCAGTGACACAGGCCCTGCC  
 TCTCCAGTGTCTACTGCGCATGTCACAAAGCCAGGGAGCAGCCAGCAGTGCCACCTTCCCACACCAGAC  
 AGCGGGTCTCAGAATGGACATCTGAGGGTGTGTCCACGCCCCAGCGAAGTTCCAGCACACCTCAG  
 CTGTGATCTTACAGTTGCAGCCGCTTCTCCAGTCCCCAGCAGTGTGCTCCCGATGACTGGAAGGAAGT  
 GGTGCCAGCAGAGAAGAGTGTGCTGTGACTCGGCCAGGCTGTCCCACACCAGCAAGCCATCATCACT  
 GCCATACCTGGTGGCTGCCTGGACCCAAGAGTCCCAACATCCAGCAGTGCACAGCTCACGAGACTGGGC  
 AGGGCATTGTTTCACTGACTGACCGACTCAGCAGCCCGCATGACCTCAGGGAACGGAACCTCTGCCTC  
 CAGCATCACCGGCACTGCCCCAGAAATGGTGAAGAATAAACCACCACAGGCCATTGTGAAACCCCAATC  
 CTGACGCATGTTATCGAAGGGTTTGTGATCCAGGAGGGGGCGGAGCCTTCCCGGTGGGAGCTCGTCCC  
 TGCTGGTGGGGAATCTCAAGAAGAAGTATGCACAGGGGTTCTTGCTGAGAAGCTTCCACAGCAGGATCA  
 TACCACCACTACCGACTCAGAGATGGAGGAGCCCTACCTGCAAGAATCCAAGAGGAGGGTACTCCCTC  
 AAAGTCAAGTGGCAGCTCTGTGGACGGGTGGACTTTGCCTACAAGTTCAAGCGTTCCAAGCGCTTCTGCT  
 CCATGGCTTGTGCAAGAGGTAATGTGGGATGCACCAACGGGTGGGACTTTTCACTCAGACCCGGAG  
 CAAGCTGCAGAAGGCAGGGACCACAACCCACAACCGCCGGCGGGCCAGCAAGGCCAGTCTGCCACACTT  
 ACCAAGGACACCAAGAAGCAGCCCTCAGGCACTGTACCCCTTTCAGTTACTGTGCTTGCAGCTGGCAC  
 ATAGCCAGGAAGACTCCAGCCGGTGTCTAGATAACTCAAGCTATGAGGAGCCCTTGTACCCATCTCAGC  
 CAGCTCATCCACCTCCGACGGCGACAAGGCCAGAGGGATCTGGAGCTCTCTGACATGCACATGAGGGAC  
 CTGGTGGGATGGGACACCACTTCTACCAAGTGAAGCCACAAAATGGAATGTAGAAGATGTCTATGAGT  
 TTATCCGCTCTCTGCCAGGCTGCCAGGAGATCGCTGAGGAGTTCCGTGCCAAGAGATTGACGGGAAGC  
 CTTGCTGTGCTCAAGGAGGACCATCTAATGAGCGCCATGAACATCAAGCTGGGCCCTGCCCTGAAGATC  
 TACGCACGCATCAGCATGCTCAAGGACTCT**AG**

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI  
**ACCN:** NM\_001013169  
**Insert Size:** 2553 bp

<b>OTI Disclaimer:</b>	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_001013169.2</a></u> , <u><a href="#">NP_001013187.2</a></u>
<b>RefSeq Size:</b>	3773 bp
<b>RefSeq ORF:</b>	2553 bp
<b>Locus ID:</b>	313038
<b>Cytogenetics:</b>	5q36