

Product datasheet for **RN213825**

Phc3 (NM_001107662) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Phc3 (NM_001107662) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Phc3
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN213825 representing NM_001107662
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGTCCCAGACATCTATCAACCTCTCCACTTCGCCGACACCTGCTCAGCTGATGAGCCGCTCGCAGGCCCT
 CCAGCTCGACCAGTGGCAGCATTACCCAGCAGACCATGCTCCTAGGGAGCACCTCGCCACCCCTCACAGC
 CAGCCAGGCCAAATGTATCTCCGAGCTCAAATGGTTCAGAATTTAACATTACGCAGCCAGAAGTTGGGT
 GTCTTATCTAGCTCACAGAATGGCCACCAAAAAGTGTGGTCAAACCCAGTCCTTGACAATTTGCCATA
 ATAAAACAACAGTGACCAGTTCTAAAATCAGCCAACGAGACCCTTCTCCAGAGAGCAAGAAGGGCGGAAG
 TCCAGGTCTGGAATCTCGGAGCACAGCCGTACACGGACATCAAGCATTACCAGTTGATAGCACCAGCT
 TCATATTCTCCAATTCAGCCTCATTCTAATCAAACATCAACAGATTCTCTCCATTACCACCTCCTA
 AAGTTTCCATCATCAGCTGATATTACAACAGCAACAACAGCAAATTCAGCCAATCACCTTCAGAGTCC
 AAGTCAAGATCCACCCCATCCAGCAGCTGTATCCCACTCCCAACCATGGCCTTTCTCCGGCTTCCAGT
 AATGCCCAGTCACAGCAGCATTGCTCACCAATTCAGAGCCATCCCCCGCCTTTAACTGTGTCTCCTAGCC
 AGGCCCAGTCTGCACAGCAGTCTGTAGTGGTGTCTCTCCCCCGCTCATTCCCCAAGCCAGTCTCCTAC
 CATCATTATCCATCCACAAGCACTTGTCCAGCCACACCCTCTTGTGTCTTCAGCTCTTACACAGGGCCA
 AACTTGCAGCAGGCCACTGCTGATCAGGTACAATCCACAGCACAGCTGAACCTCCCGTCCCATCTTCCAC
 TTCCAGCATCCCCTGTAGTACACATTGGCCCGCTCCAGCAGTCTGCCTGGTGTCCCCTGGTCAGCAGAT
 AGTGTCCCAACATCACACCAGCAATATCAACCCTACAGTCATCTCAAATTCGATCGCAACCCCTCCA
 CAGATGTCGGCATCTCCTCCAGCTCAGATCCCACCAGTCCCTTGCACTGTATGCAGTCTTTACAAGTGC
 AGCCTGAAATTTATCCCAGGGCCAGGTTTTGGTGCAGAATGCTTGGTGTGAGAAGAGGAGGCTGCTGC
 TGCAGAAGCTTTGGTCCAGTTGCCATTTAGACTCTTCTCCTCCACAGACCGTTGCGGTAACCTACAA
 GTACAGCCGCCAGCACCTGTTGATCCACCAGTGGTTTATCAGGTAGAAGATGTGTGCGAGGAAGAAAGGC
 CAGAGGAGTCCGATGAGTGTGCACGGATGGACCGAACCCGCCGCCCCCACTTTGTCTCCAGCAGCTAT
 CACTGTGGGGAGAGGAGGATTTGACATCTGAGCATCCTTTGTTAGAGCAAGTAGAGTTGCCTGCCGTG
 GCCTCAGTCAGTGCTTCTGTGATCAAGTCTCCATCAGACCAACCCATGTCTCTGCTCCTGCACCTCCAC
 TCTTAATGCCCGCTGCCTCCACAAGGAGCAGCAGCACTTCTTGCCAGCAGCACCCCCAGCCTGGAAAA
 CAAGCCTCCACAGGCTATCGTGAAGCCACAGATTCTGACCCACGTTATAGAAGGTTTTGTGATTGAGGAG
 GGACTGGAGCCGTTTCTGTGAGTCGTTTATCTTTGCTGATAGAACAACCTGTGAAAAAGAGGCCTCTTT
 TGGATAATCAGGTGGTAAATTCGGTGTGTGTTACGCCAGAGCTACAGAATAACACAAAGCATGCAGATAA
 CTCGTCCGACACAGAGATGGAGGACATGATTGCTGAAGAGACATTGGAAGAAATGGATAGTGAGTACTC
 AAGTGTGAATTTCTGTGAAAAATGGGATATCCTAATGAATTTTTACGATCAAACGATTCTGACTATGT
 CATGTGCCAAAAGGTACAACGTTAGCTGTTCTAAAAAGTTTGCACTTAGTCGTTGGAATCGTAAGCCTGA
 TAATCAAAGTCTTGGGCATCGGGCCGTCGTCCAAGTGGCCCTGAAGGGGCAGCGAGAGAACATATCCTT
 AGGCAGCTTCAAATTACTTATCCATCTGCAGAAGAAGACTTGGCCTCTCGTGACGATCCTGTGCCGTCTG
 CTATGACGACTCGCTGCGCAGGCAGAGTGAGCGGGAAAGAGAACGCGAACTTCGCGACGTGAGGATTAG
 GAAAAATGCCTGAGAACAGCGACTTGTCCCAGTCGCACAGACGGAGCCCTCCATATGGACGGTTCGATGAC
 GTCTGGCCCTTCACTACTTTGCCTGGCTGTCAGGACGTTGCCGATGAGTTACGGGCACAGGAGATTG
 ATGGGCAGGCACTGCTCCTGCTAAAAGAAGACCATCTCATGAGCACAATGAACATGAAGCTGGGCCAGC
 CCTGAAGATCTGTGCACGCATCAACTCTCTGAAGGACTCCT**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_001107662
Insert Size: 2493 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_001107662.1</u> , <u>NP_001101132.1</u>
RefSeq Size:	3415 bp
RefSeq ORF:	2493 bp
Locus ID:	310258
Cytogenetics:	2q24