

Product datasheet for **MC216996**

Rhcg (NM_019799) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Rhcg (NM_019799) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Rhcg
Synonyms:	BB065800
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >MC216996 representing NM_019799
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGGCCTGGAACACCAACCTTCGGGGCGGCTGCCATCACCTGCCTGATCCTGCAAGTGACCATGGTGG
TTCTCTTTGGCGTGTTCGTGCGCTACGACATCCAAGCCGATGCTCACTGGTGGTTGGAGAAGAAGCGCAA
GAACATCTCCAGCGACGTTGAGAACGAGTTTTACTATCGCTACCCGAGCTTCCAGGATGTACACGCCATG
GTCTTCGTGGGCTTCGGCTTCCTCATGACCTTCCTGCAGCGCTACGGCTTCAGCGCTGTAGGCTTCAACT
TCCTGCTGGCAGCTTCGGCATCCAGTGGGCACTGCTCATGCAGGGATGGTTCCATTACTTTGAAGAAGG
CCACATTGTCCTGAGCGTCGAGAACATCATCAAGCTGACTTCTGTGTGGCATCTTCTGTGTGGCCTTC
GGGCGAGTTCTAGGCAAGGTCAGCCGATGCAGCTGCTCATTATGACCTTCTTCCAAGTGACTCTCTTTA
CAGTGAATGAGTTCATCCTCCTGAACCTGATAGAGGCAAAGGATGCAGGGGGCTCTATGACCATCCACAC
ATTTGGCGCTACTTTGGGCTCACAGTGACCTGGATCCTCTACCGAAAAAACCTGGATCAGAGCAAGCAG
AGACAGAGCTCAGTGTACCACTCGACCTTTTCGCCATGATTGGCACCCCTCTTCTGTGGATATACTGGC
CCAGTTTCAATTCAGCCAGTTTCCTTCCACGGAGATGCCAGCACCAGCAGCCCTCAATACCTACCTCTC
CTTGGCAGCGAGTGTGCTAACACAGTGACAGTATCCAGTATTGTACACAAGAAGGGCAAGTTGGATATG
GTGCACATCCAGAATGCCACGCTTGCAAGTGGGGTGGGTGGGCACAGCTGCGGAGATGATGCTCACAC
CTTACGGCGCTCTCATCGTGGGGTTCTTCTGCGGCATTTTCTCCACCCTAGGATTTGCATACCTAACGCC
ATTCCTGGAGTCCCGCCATCGCATCCAGGACACATGTGGCATTCACAACCTGCACGGCATTCTGGCATC
ATAGGCGGCATTGTGGGTGCTGTGACAGCGGCTTACTCCTCCCCTGATGTGTATGGAGGCCAGGGATAG
TCCATTCTTCGGCTTCGGGAGTTATAAGATGGACTGGAACAAGAGAATGCAGGGCAGTCCCAGATATT
TGGCCTCCTCCTGAGCCTGGCCATGGCCCTGGTGGCGGATCATTGTGGGATTCATTTTGAATTTGCCG
TTCTGGGACAAGCTGCAGATGAGAAGTGTGAGGATTCCATCTACTGGGAGTTTCATGAAGAGTGA
ACACTGTCTACATTCCCGAGGACCTTGCTCACAAACATTCTACTTCTCTGGTACCTGCAATGCCCTTGGT
ACTTCCAACACTTCAGCATCCATAGTTCTCCAGTCCCTCCGACACCTCCAGTATCCTTAGCAACTTCA
GCACCTTCAGCAGCCTTGGTACACTAA

ACGCGTACGCGGCCGCTCGAGCAGAAAACCTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_019799

Insert Size: 1497 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_019799.3](#), [NP_062773.2](#)

RefSeq Size: 2106 bp

RefSeq ORF: 1497 bp

Locus ID: 56315

UniProt ID: [Q9QXP0](#)

Cytogenetics: 7 45.09 cM

Gene Summary: Functions as an electroneutral and bidirectional ammonium transporter. May regulate transepithelial ammonia secretion.[UniProtKB/Swiss-Prot Function]