

Product datasheet for **RN201898**

Rhcg (NM_183053) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Rhcg (NM_183053) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Rhcg
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN201898 representing NM_183053
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCCTGGAACACCAACCTCCGGGGCGGCTGCCATCACCTGCCTGATCCTGCAGGTGACCATGGTGG
 TTCTCTTCGGCGTGTTCGTGCGCTACGACATCCAGGCTGATGCTCACTGGTGGTTGGAGAAGAAGCGCAA
 GAACATCTCCAGCGATGTGGAGAACGAATTTTACTATCGCTATCCGAGCTTCGAGGATGTACACGCCATG
 GTCTTCGTGGGCTTCGGCTTCTCATGACATACCTGCAGCGCTATGGTTTCAGCGCTGTAGGCTTCAACT
 TCCTGCTGGCAGCTTTCGGCATCCAGTGGGCGCTGCTCATGCAGGGATGGTTCCATTTCTTTGAAGAAGG
 CCACATTTCTCCTGAGCGTCGAGAACCTCATCCAAGCCGACTTCTGTGTGGCATCTACCTGTGTGGCCTTT
 GGGGCAGTTCTAGGCAAGATCAGCCCAATGCAACTGCTCATTATGACCTTCTTCCAAGTGACTCTCTTCA
 CAGTGAATGAGTTCATCCTCCTGAACCTGATAGAGGCAAAGGATGCAGGGGGCTCTATGACCATCCACAC
 ATTTGGCGCCTACTTTGGGCTCACAGTGACCTGGATCCTCTACCGAAAAACCTGGAGCAGAGCAAGCAG
 AGGCAGAGTTAGTGTACCAATTCGGACCTTTTCGCCATGATTGGTACCCTCTTCTGTGGATATACTGGC
 CTAGCTTCAACTCAGCCAGTTCCTTCCACGGAGACACCCAACACCGAGCAGCCCTCAACACCTACCTCTC
 CTTGGCAGCTAGTGTGCTAACCACAGTGGCAGTGTCCAGTGTACACACAAGAAGGGCAAGTTGGATATG
 GTGCACATCCAGAACGCCACACTTGAGGTGGGTGGGTGTGGGCACAGCCGGGAGATGATGCTCACAC
 CTTACGGCGCCCTCATCGTGGGTTTCTTCTGTGGCATCTCTCCACCCTAGGATTTGGCTACCTATCGCC
 ATTCTGGAGTCCCGTCTTGAATCCAGGACACGTGTGGCATTCAACCTGCACGGCATCCCTGGCAGT
 ATAGTGGCATTGTGGGTGCTGTGACAGCGGCCTACTCTCCCCTGACGTGTATGGAGAGCCGGGATAG
 TCCATTCCTTTGGCTTCGGGGTTACAAGCGGACTGGACCAAGAGAATGCAGGGCAGTCCCAGATATT
 TGGCCTCCTCCTGAGCTTGGCCATGGCCCTGGTGGGAGGCATCATTGTGGGATTCAATTTGAAATTGCC
 TTCTGGGGCAAGCCTCGGATGAAAACCTCTCGAGGACGCCATCTACTGGGAGTTCTGAAGAGGTGA
 ACACTGTCTACATTCTGAGGACCTCGCTCACAAACATTCTACCTCTCTGGTACCCGCAATACCTTTGGT
 ACTTTCAACCCCTTCAGCATCCATAGTTCCTCCAGTCCCTCCGACACCTCCAGCATCCTTAGCAACAGTA
 ACTTCATCATCCTTGGTACAC**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_183053
- Insert Size:** 1494 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_183053.1](#), [NP_898876.1](#)

RefSeq Size: 1958 bp

RefSeq ORF: 1494 bp

Locus ID: 293048

UniProt ID: [Q7TNN9](#)

Cytogenetics: 1q31

Gene Summary: plasma membrane glycoprotein; mouse homolog is an ammonium transporter; may be involved in ammonium secretion into bile fluid [RGD, Feb 2006]