

Product datasheet for **MC228069**

R3hcc1 (NM_001301651) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	R3hcc1 (NM_001301651) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	R3hcc1
Synonyms:	1700020M16Rik; AA407796
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >MC228069 representing NM_001301651
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGACAGCTACAGAAGGCAGACAGGCTCTGCCATCTGTCAACCCTGGCCCTTCTCTGCTTGGACGGTGTCT
 TCCTCTCCTCGGCCGAAAATGACTTTGTCCACCGGGTCCAAGAGGAGCTCGATCGTTTCCTGCTGCAGAA
 GCAGCTATCCAAGGTCTACTTTTTCCCCAGTCTCCAGCCGCCTGCGGTACCTGATCCATCGAACGGCG
 GAGAATTTTGATCTTTGAGCAGCTTCTGTGGGGAGGGCTGGAAGAGGAGGACAGTCAATTTGCACC
 TGGACATCAGAGTACCCAGTTCAGATGGCCCTCTGGTCCCTGCCGCCCTCTGCCTCCCATCCCAGCAA
 GTACCGTGGTCTCGGTATACCTCACATCAGGGAGCAGCTGTGGTCCCGAGGTGCTCCAGCAGGACGC
 TGGCATCGTGGACGGAAGCCGGATCAGCCTCTGTATGTGCCCGGGTGTACGCAGGCAAGGTGGACCGG
 TGGCAGCCTCCATCCCAGGCATCAAGGGAGAGGCCAGCTGGTGCAGTGTGAGAAGAAGAGCCTAGAGA
 GGCTGGTGTGGGACGCTGAGGCTGATCAGGGAATTGCCATGTTGGTGACTCAAGAGCTCCTGAAGAGC
 CCCGACCCAGGCCATGCAAATGAGCCACAGATGGGGTTGGGTGACACGGAGCCCTCTGAGAATCCTGAAA
 AGGAACAAGGGGCTGAGACAGCTGTGCAGCAGGGTCCGGCGCACAACCTGGCCATGGAGGAGGAAAATAG
 GAGTATGGGATGCGGAGCCTGGTGGACCAAGAGGAGGAGGAGATAGAGGGAGAGGAGGAAGAGAAGGTG
 GACGAGAAGGAAGAGGACACAGGCAAGCAGAAAGAGCGGGTTCGATGAGGAGGAAGAGAAGACTGATGCGC
 AGGAAGGGAAGGTGGATTTCGGAGGGAGAGAGGATGGATGAAGGTGAAGACAAGGTGGATGCGGAGGAAGA
 GGACGAGGATGAGGCCGATGCTGACCACGGTGAATTCAGTGAGCTGTGCAGGAGATCACAGCCAACCTG
 ACCGAAAAGGAGATTAATAAGAGAAGATCCACCTGGACACATCCGCCTTACAGAAGAGCTGCCCGGGG
 AGAGGGACTTGACCCACCTGGTGGAGATCTATGACTTTAAGCCAACACTCAAGACCGAGGACCTGTTGGC
 CACTTTCTCTGAGTTCCAAGAGAAGGGATTCAGAATCCAGTGGGTGGATGACACTCATGCTATCGGCATC
 TTTCCCTGCCCTGCCTCAGCACTCGAGGCACTGGCCAAGGATTTCTCCGTGCTCAAGATCCGCCCGCTCA
 CACAGGGGACCAAGCAGTCCAAGCTGAAAGCCTTGACAGAGCCAAAGTTCCTGCGACTATCGAAGGAGAG
 GCCGCAGACAGATTCAGCGGTGGCCCGCAGGCTGGTGGCCCGGCCTTGGGACTCCAACACAACAGAAAAG
 AAAGAGCTGCCTACTCCCCAAGTGTCTGCCATCT**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_001301651
- Insert Size:** 1509 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).
- OTI Annotation:** Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
- 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_001301651.1](#), [NP_001288580.1](#)

RefSeq Size: 1701 bp

RefSeq ORF: 1509 bp

Locus ID: 71843

Cytogenetics: 14 36.08 cM