

Product datasheet for **RN210991**

R3hdm1 (NM_001134867) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: R3hdm1 (NM_001134867) Rat Untagged Clone
Tag: Tag Free
Symbol: R3hdm1
Synonyms: R3hdm
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >RN210991 representing NM_001134867
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGAGGATGTCTGATATTGTTATTATAAAAAGATGAAACTGAAACAATGAAGGATTTGGAGGCAGAAATGA
GAGATACAACCAGAGTTGAAAATCTTATCAAATCAGAAAATATGGGAAGATTTCCGCAGAGAAGAATGA
ACATTGTATTGACAACAATATTGATTTGCAGCGGCCCCCGCAGTCATTTGGACAGACAGGAAAAAGGTCT
AAGTCAAGCTCAAAGTTAAAGCTAGTTCGAGCCTTGCAGTGTGTGAAGAATCTCCACCACCCCTCGAG
CAGAGATACCCAGGAGACCCAGGAGAAAAATTCAGATACAGTTAACACAATCATTGAAAAAGAGAAAA
GCCCTCAAAGATGAAACAGATAAAGAAAAAGCCAGTGATAAGTTACCCAGAAAAATGCTATCAAGAGAT
TCCAGTCAAGAATACACTGATTCACTGGCATAGATCTACATGAATTTTAGTAAATACATTAATAAACA
ATCCCAGGGACAGAATGATGCTGCTGAAATTGGAACAAGAAATTTAGATTTTATTGGTAATAATGAGTC
CCCACGTAAGAAGTTTCCCCGATGACATCTTACCACAGGATGCTGTTACACAGAGTGGCTGCTACTTT
GGATTAGACCACAATGTTGACCAGAGTGGGAAGTCTGTCATAGTGAACAAAATAGCAACACCAGAATAC
CTGATCAGAAATTAATGAGCATATTAAGGATGACAGAGGTGAAGACTTTCAGAAAACGTTACATCCTTAA
GAGAGATAACTCTAGCTTTGACAAAGACGATAGCCAGATGAGAATACGTTTAAAAGATGACAGGAGAAGC
AAATCCATAGAAGAAAGAGAAGAGTACCAGAGAGCTAGAGACAGGATATTCTCCAAGACTCCCTGT
GTTCCAAGAAAATACATTATTGACAAAAGAATTCCAGATGAGGACACTATTGGTACCCAGCAGAGGCG
CCAGATATTTAGAGTTAATAAAGATGCTTCAGGGCGATCAACAAACAGCCATCAGAGCAGCACTGAAAAT
GAGTTGAAATACTCAGAGCCACGACCCTGGAGCAGCACAGATTGACAGAGCTCCCTCCGAAACCTGAAAC
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CAAAAGCATAGGCAGGCTTTCAAAAACAGGATCTGAGTCTTCAGGTAGTGTAGGGTCTCTACAGGCTCT
CTCTCTCACACCAGCAGCCTCTGCCAGGCTCAGCTCTTAGCCAGTCTTCTCATGGCGCACCTGTCACT
ACCCGGCAGCCAGCAATCACAGTTCTTTCTTTGATGGGGCCCTCAATGGTCAAGGTGATCTCCTAG
CACTAGCTTCTTTGCTTCCCTTGAAGCGACTGGCATACCACCTGGCAGTATTCTGATCAACCCACA
ACAGGTACGCCCTTCATAAACCCAGATGGAAGTCCAGTTGTGTACAATCCTCCATGACTCAACAGTCAG



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TTCGAACCCAAGTGCCTGGTCCCTCCACAGCCACCTCTGCCACCCCACCACCTCAGCAGCCAGCAGCCAG
 CCACATGTTCTCACAGCCTGTTGGTCTCTGCAGTCTCTTCTCAGCCTGTTGAGTGCTCTCCAGCCCC
 TACCCATCCCCGCTCTGCCAGTCTCACCACCCAGCAGTACTCTGTGGATAACCTTGGCTCTCAGTTCA
 GCCACATGAGTCTTGCCCGCCAGCCATCAGCCGATGGTTCTGACCCTCATGCCACCATGTTCCAATCCAC
 TGTTGTTCTTCAGTCTCCGCAGCAGTCTGGTTACATCGTGACGACAGCACCCCCACATCTCCACCTCT
 CCTCCACCACCTCCCCCTCTCTTCCCTACCACCTGGGCAGTCTCAGTCCCACTGCCAGTTCCTCTGGGC
 ATCCTGTACGCCAGCCTGTGCTCCAGCAGCAGGGGTTTCTTCTCAGCCCTCACCACAGATGCCAGCCTG
 TTAAGTGTCTCCAGGCCACTATCACTCCAGCCAACCTCAGTACCGCCCCATCCCTTCTGTCCATCACAGT
 TCACACCTAAACCAACCCTGCCACAGCCTGCACAGCACACAGGTTATCAAGTTATGCCAACCCAGCAGC
 AAAACTACCAAGGAATAGTTGGAGTTCAGTACCAGCAGAGTACAGCCTCATGGGAGGCCAGCCAAACAG
 CACTGGACCTCATATCCAAGGAGTAGTCATCCCTACCCCTCAGTGCATCGTATCAGGTTTCACTGCCT
 CAAGGTTCTCAAGGAATTGCCATCAGACTTACCAACAGCCTGTTGTGTTCCCTAATCAGTCTAATCAAG
 GATCTCTGCCACAGCAGGAATGCCAGTCTACTACAGTGTATTCCACCTGGCCAACAAAGTAATTTAAG
 CTCTGCAGTCGGTACTTACAACATCTGGGTGAGAACAAGTACAGTTTCTCGAACCCACATCACCATGC
 AGCTCTCAACAGTCCAAGGCCACCAGTGTGCAGCTTTGCCACAGCAGCCACCTGGTGGAGGAATGGTGA
 TGATGCAGCTCAACCTACCAAAACACGCACCGTCCCGAGCGCACTCACCCCCACAGTGGAAAGCAAAACA
 GTACCACTGTGACCATCAGAGAGGGCAGAAGTGTATGGAAGTGAGCCACATGGACAGTATTGTCCAGCAC
 AGCCCGCAGCTCAGCAGCCCCATCCTTTCTCCTGTGCAGTACCAGCACCAGCGCAGCTGTCCGCTCTAA
 AGACCACCCGTCCTCCGGGCGCCGCTTTCCATCGTGTCCCAGTTCGCTAGACCTTTTGTCTGGGCA
 GGGAGATGCCAGGTATCCGCTGCTTGGCCAGCCCTGCAGTACAGCCCTCTACTTCTGCATGGACAC
 ATTCCACATCAACAGGTCAGTCTGGCAGCAGGCATGGAACCGAGGACGTAGACAAGCTAAGAAAGCTG
 CATCCACAGACCTTGGAGCAGGAGAAGCAGTCGTCGGCAAGGTCCTGGAGATCACAGAATACCAGACGG
 AATAACTCGAATGGAAGCTGAGAAGCTTTTGGGGAAGCTTTAAAATTGGCGCCAAGATCCGATGGCTC
 CGGGACCCCAAGTCTCAGCCCCAGTACGTCGTCATCCTCTTTGCTGTGGTAGTGGGGATAAACACTGTCA
 ACCCCGAGCGCTTAAACCCAGTGACCTGGCCTTACATACACTGTCTAGCCACGTTCCCTCCATTTTC
 AGCTGCACAGAGTGCAGTGAAGAAGCAGATCCATTAGTGAACAAGTTAAGCTGAGAATGAGCAAGAAG
 CACTACGACTTCCACATTTTGGAAAGGGCAAGTCTCAGTAA

ACGGGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** Sgfl-Mlul
- ACCN:** NM_001134867
- Insert Size:** 3402 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_001134867.1, NP_001128339.1
RefSeq Size: 4817 bp
RefSeq ORF: 3402 bp
Locus ID: 304763
Cytogenetics: 13q13