

Product datasheet for **RN216190**

R3hdm4 (NM_001173974) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: R3hdm4 (NM_001173974) Rat Untagged Clone
Tag: Tag Free
Symbol: R3hdm4
Synonyms: RGD1307067
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >RN216190 representing NM_001173974
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGGTGGCTCTGGACAACCCAGAAGCGGCCCTGAGGCTACCCGAGCGCGGGACCAGGCTGTCCCTTC
CTGGCTGCCTCCCTACGCTCAGCGGCTCACAGGCGAAGAGGGTCTCAGCTTCCAGGCGCAAGCAACATTT
TATCAATCAGGCTGTGCGGAATTCGGACCTGGTCCCAAAGCCAAGGGACGGAAGAGTTTGCAGCGCTTG
GAGAACCCACGTACCTCCTAACACTGCTGGAGACAGCTGGGGGCCCTCCGGGGGTGGAAGATGGGGACC
TGACTCCTCCTGCAGTACCTGGCATCTTCGCCGAGGCTTGCAGCAATGCCACCTATGTGGAGTTTGGAA
TGATTTTCAAGCCGCTCGGGAGAAGAGCAAGAGCGAGTCTCCGTTACTTGGAGGATGAGGACCAGGGC
AAGCGGAGGCGCAGGCCCTGGCCGCGGGAGGACCAGGCGGAGAGAGGACCCGGTCTTACACCCCACGAGT
GCTTCAGGCGCATCAGCCGTCGCTGCGGTCCGTGCTCAAGCGTAGCCGCATCCCAATGGAACCCCTGGA
GAGTTGGGAGGAACGGCTGCTGGCCTTCTTCTCGGTGTCCCCCAAGCCGTGTACACCCCATGCTGGAC
AACAGCTATGAGAGGCTCCTGCTTACGCTGTGTGCCAGTACATGGACCTCATATCAGCCAGTGTGACA
TGGAGGGCCGGAGGCAGATGAAGGTGAGCAACCGCCACCTGGATTTCCTGCCTCCTGAGCTTCTGTTGTC
TGCCCTACCTAGACCAGCAATGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_001173974
Insert Size: 792 bp



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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:	<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_001173974.1, NP_001167445.1</u>
RefSeq Size:	1803 bp
RefSeq ORF:	792 bp
Locus ID:	362840
Cytogenetics:	7q11