

Product datasheet for **RN214583**

R3hdm2 (NM_001130557) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	R3hdm2 (NM_001130557) Rat Untagged Clone
Tag:	Tag Free
Symbol:	R3hdm2
Synonyms:	RGD1310066
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>RN214583 representing NM_001130557 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGTCTAACAGTAACACTACTCAGGAGACTCTGGAAATGAAAGAATCAGAAAAAACTGGTGAAG
AATCTGTAACAATAAAATTTATATCCAAAACCTCCAAGTAAAGAAGAAGTTGAGAAGGAGGGTGAAGA
GAATGGTCTGCGTCAGGAGACACAGAGACGGACATCCAGTCATGGCCATGCCAGGAAAAGAGCCAAGTCT
AATTCCAAGCTCAAGTTGGTTCGAAGTCTGGCAGTATGCGAGGAATGCTCCACTCCATTTGTCGATGGC
CACTAGACACCCAGGATATAATTCAACTGCACATCAGCTGCCCTCTGATAAGGAGAAGAAAAGTCCAC
AAAAGATGTCTCTGAAAAAGACGACAAGGACAAAAGCAAAGAAAAGGTCCCAAGGAAGATGCTATCCAGA
GACTCCAGCCAAGAATATACTGACTCCACTGGAATAGATCTACATGAATTTCTTGTAATACACTGAAAA
AGAACCAAGGGACAGAATGATGCTGCTAAAGTTAGAGCAAGAGATTCTGGACTTCATCAGTGACAACAA
TAACCAGTTCAAGAAGTCCCTCAGATGACCTCATACCCGGATGCTATTACACCGGGTAGCTGCCTAT
TTTGGGATGGACCATAATGTTGACCAACAGGGAAAGCTGTCATCATCAACAAAACAGCAGCAGCAGAA
TCCCTGAACAGAGGTTCTCAGAACATATAAAAGATGAGAAGAACACAGAATTTCAACAGAGATTCATTCT
CAAGAGAGATGATGCCAGTATGGACCGAGAGGAGAACCAGATGAGAGTCCATTGCAGGATGGAAGGAGG
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GCCAGAACGGATATCTAAATGACATCAGGGGAAACCGTGAAGGGCTGAGCCGCACCTCAAGCAGCCGACA
GAGCAGCACAGACAGCGAACTCAAATCCCTAGAGCCACGGCCTTGAGCAGCAGCAGACTCAGATGGCTCT
GTCCGTAGTATGCGACCGCCTGTCAACAAAGCCAGCAGCTTCAAGTGGGATCTCCATCCTCACCCGAGGTG
ACAGCATCGGCAGCAGTAAAGGTGGCAGTGCAGGCAGGCTCTCCAGGCCAGGCATGACACTAGGTGCCCC
AGAAGTGTGCAACCAGGTCACCTCACCCAGTCTGTCCGGGGCCTTTCTCCTTGTACTGTCCAGCAGCAA
CAGCAGCAGCAGCAGCAACAGCAGCTTCTGCCCTCCACCCGTTCTCAACAACAGCCACCCCTTGA
ATAATCACATGATTTACAGGCAGAAGACCTCAGCAATCCCTTTGGACAAATGAGCCTTAGCCGCAAGG
TTCCACTGAAGCAGCTGACCCGCTCAGCCTTGTCCAGTCCCCACTTATCTCCAGCATCCTCAGCAA



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GCTAGTTTCATCATGGCCTCTGCAGGACAGCCCTTCTACTTCCAACACTATCCACTTCTAGCCATGCAC
CACCTACCCAGCAAGTCCTGCCACCCCAAGGCTACATGCAGCCCTCAGCAGATCCAGGTTTCTACTA
TCCTCCTGGACAGTATCCTAATTCACACAGCAATATCGACCTCTGTCTCACCCGGTGGCCTATAGCCCC
CAGCGTGGTCAACAGCTGCCTCAAGCATCCCAGCAGCCTGGCTTACAGCCCATGATGTCTAGCCAGCAGC
AGACGGCTTACCAAGGCATGCTTGGGGTCCAGCAGCCTCAGAACCAGGGCCTCCTCAGCAACCAGAGGAG
CAACAGCATGGGAGGCCAGATGCAGGGCCTGGTGGTTCAGTACACTCCACTGCCTTCTTACCAAGTCCCA
GTGGCAGTGAATCACAAAATGTGGTCCAGCCGCTTTCAGCAGCCCATGCTGGTCCCTGCCAGCCAGT
CTGTTCCAGGGAGGCCTCCAGCAGGAGGTGTCCCTGTGTACTACAGTGTGATCCCACCAGCTCAGCAGAA
TGGTACGAGCCCTTCTGTGGGGTTTCTGCAGCCTCCTGGCTCTGAGCAGTACCAGATGCCTCAGTCTCCC
GCTCCCTGCAGCCACCACAGATACCACAGCAGTACTCAGGCGTGTACCTTCTGGACCAGGTGTGGTGG
TCATGCAACTGAATGTCCCTAATGGACCCAGGCCCCAGAAATCCATCCATGGTCCAGTGGGGTCACTG
CAAATACTACAGTGTGGACCAGCGTGGTCAAGAAGCCTGGAGACCTATACAGTCTGATGGTGACCCCGAG
ACCAACGCACAAATGGGCAGCAGCCCGTCACATCTCCTACCCAGTCTCCAGCACCCCTCTCCAGTCACGA
GCCTCAGCAGTGTCTGCACCGGACTCAGTCCCCTGCCTGTCTCACACCATTCCCCGGCCTGGAGGTCC
CGCACAGGGTACGGGGCCTATTCCCTATTGGGTACGCCATTACAATAAATCTGTCCATCTGCCCTCCC
TTGCTCCATGGCCAGTCAACGTATACGGTGCACCAGGGACAGAGTGGATTGAAGCATGAAACCGAGGCA
AGAGACAAGCACTCAAGTCTGCCTCCACTGACCTGGGGACAGCGGATGTTGTGCTGGGAAGGGTACTGGA
GGTGAAGTATCTCCCGAAGGAATCACCCGCACAGAGGCAGACAACTCTTACACAGCTTGCCATGTCT
GGTGCCAAAGATCCAGTGGCTTAAGGATGCTCAGGGGTGCTGGTGCAGTGGGGGGGACAAAGTGGGA
CTGCTGAGAAATGGCCGCCATGCGGACCTCGCTGCCTTGTACACTATAGTGGCTGTGTTCCCCAGTCCCCT
GGCTGCCACAATGCCTCCCTTCGCCTCAACAACCTGTGAGTCGCTTCAAACCTCGAGTAGCTAAAAAG
AACTACGACCTGAGGATCCTGGAGCGAGCTAGCTCTCAATAG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:

SgfI-MluI

ACCN:

NM_001130557

Insert Size:

2982 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_001130557.1, NP_001124029.1

RefSeq Size:

3746 bp

RefSeq ORF:

2982 bp

Locus ID: 362894

Cytogenetics: 7q22