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Product datasheet for MC223697

R3hdm1 (NM_181750) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	R3hdm1 (NM_181750) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	R3hdm1
Synonyms:	R3hdm
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)

Fully Sequenced ORF:

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>MC223697 representing NM_181750
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGAGGATGTCTGATATTGTTATTATAAAAGATGAAACTGAAACAATGAAGGATTTGGAGGCAGAAATGA
GAGATACAACCAGAGTTGAAAATCTTATCAAATCAGAAAACTATGGGAAGATTTCGGCAGAGAAGAATGA
ACATTGTATTGACAACAATATTGATTTGCAGCGGCCCCCGCAGTCATTTGGACAGACAGGAAAAAGGTCT
AAGTCAAGCTCAAAGTTAAAGCTAGTTCGGAGCCTTGCAGTATGTGAAGAATCTCCACCACCCCCTGCAG
CAGAGATATCACAGGAGACCCAGGAGAAAATTCAGATACAGTTAACACAATCATTTGAAAAAGAGGAAAA
GCCCTCAAAAGATGAAACAGATAAAGAAAAAGCCAGTGATAAGTTACCCAGAAAAATGTTATCAAGAGAT
TCCAGCCAAGAATACACTGATTCAACTGGCATAGATCTACATGAATTTTTAGTAAATACATTAAAAAACA
ATCCCAGGGACAGAATGATGCTGCTGAAATTGGAACAAGAAATTTTAGATTTCATTGGTAATAATGAGTC
CCCACGTAAGAAGTTTCCCCCGATGACATCTTACCACAGGATGCTGTTACACAGAGTGGCTGCCTACTTT
GGATTAGACCACAATGTTGATCAGAGTGGGAAGTCTGTCATAGTGAACAAAACTAGCAACACAAGAATAC
CTGATCAGAAATTTAATGAACATATAAAGGATGATAGAGGTGAAGACTTTCAGAAACGATACATCCTTAA
GAGAGATAACTCTAGCTTTGACAAAGATGATAGCCAGATGAGAATACGTTTGAAAGATGACAGAAGAAGC
AAATCTATAGAAGAAAGAGAAGAAGAATACCAGAGAGCTAGAGACCGAATATTTTCCCAAGATTCCCTGT
GTTCCCAAGAAAACTACATTATTGACAAAAGAATCCAAGATGAGGACACTATTGGTACCCAGCAGAGGCG
CCAGATATTTAGAGTTAATAAAGATGCTTCAGGCCGATCGACAAACAGCCATCAGAGCAGCACTGAAAAT
GAGTTGAAATACTCAGAGCCACGACCCTGGAGCAGCACCGATTCAGACAGCTCCCTCAGAAACCTGAAAC
CCGCTGTCACCAAAGCCAGCAGCTTTAGCGGAATCTCAGTCCTGACAAGAGGTGATAGCTCTGGAAGCAG
CAAAAGCATAGGCAGGCTTTCAAAAACAGGATCTGAGTCTTCAGGTAGTGTAGGGTCCTCTACAGGCTCT
CTTTCTCACACCCAGCAGCCTCTCCCAGGTTCAGCTCTTAGCCAGTCTTCTCATGGCGCACCTGTCATCT
ACCCGGCAGCCAGCAATCACAGTTCTCTTTCCTTTGATGGTGGCCTCAGTGGTCAAGGTGCATCTCCTAG
CACTAGCTTCCTTTTGCTTCCCTTGGAAGCAACTGGCATACCACCTGGCAGTATTCTGATCAACCCACAA
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ACAGGTCAGCCCTTCTTAAACCCAGATGGAAGTCCAGTTGTGTACAATCCTCCTATGACTCAACAGCCAG
TTCGAACCCAAGTGCCTGGTCCTCCACAGCCACCTCTGCCACCCCCACCACCTCAGCAGCCAGCAGCCAG
TCACATGTTCTCACAGCCTGTTGGTCCTCTGCAGTCCTCTTCTCAGCCTGTTCAGTGCTCTCCAGCCCCC
TACCCATCCCCGCTCCTGCCAGTCTCACCCACCCAGCAGTACTCCGTGGATAACCTTGGCGCTCAGTTCA
GCCATATGAGTCTTGCCCGCCAGCCATCAGCTGATGGTTCTGACCCTCATGCCACCATGTTCCAGTCCAC
TGTTGTACTACAGTCTCCACAGCAGTCTGGTTACATCGTGACGACAGCACCTCCACATCCGCCACCACCA
CCTCCACCACCTCCCCCTCCTCCTTCCCTACCACCTGGGCAGTCAGTCCCCACTGCCAGTTTCTCTGCCT
CTGGGCATCCTGTCAGCCAGCCTGTGCTCCAGCAGCAGGGGTTTCTTCCTCAGCCCTCACCACAGATGCC
AGCCTGTTACTGTGCTCCAGGCCACTATCACTCCAGCCAACCTCAGTACCGCCCTATCCCTTCTGTCCAT
CACAGTTCACACCTAAACCAACCACTGCCACAGCCTGCACAGCACACAGGTTATCAAGTTATGCCCAACC
AGCAGCAAAACTACCAAGGAATAGTTGGAGTTCAGTCACCGCAGAGTCAGAGCCTCATGGGAGGCCAGCC
AAACAGCACTGGACCTCATATCCAAGGAGTGGTCATCCCCTACCCCTCAGTGCCATCATATCAGGTTTCA
CTGCCTCAAGGTTCTCAAGGAATTGCCCATCAGACTTATCAACAGCCTGTTGTGTTCCCTAATCAGTCTA
ATCAAGGATCTCTGCCCACAACAGGAATGCCAGTCTATTACAGTGTCATTCCACCTGGCCAACAAAGTAA
TTTAAGCTCTGCAGTTGGTTACTTACAACATCCAGGGTCAGAACAAGTACAGTTTCCTCGAACCACGTCA
CCATGCAGCTCTCAACAGCTCCAAGGCCACCAGTGTGCAGCTGTGCCACAGCAGCCACCTGGTGGAGGAA
TGGTAATGATGCAGCTCAACCTACCAAATAACCCACAGTCTCGGACCCACTCACCCCCACAGTGGAAACA
GAACAAGCACTACTGTGACCACCAGAGAGGACAGAAGTGTATGGACTTTAGCAACATGGATAATATTGTT
CAGCCCAGCCCTCAGCTCAGCAGCCCCATCCTTTCTCCAGTGCAGTCGCCAGCACCAGCTCAGCTGTCCA
CTCTGAAGACCATCCGTCCCTCAGGACCACCGCTTTCCATCATGTCCCAGTTTGCTAGACCTTTTGTTCC
TGGACAGGGAGATGCCAGGTATCCGCTGCTTGGCCAGCCCCTGCAGTACAACCCTCCTACTCTTCTGCAT
GGACACATTCCACATCAACAGGGTCAGTCTGGCAGCAGGCATGGAAACCGAGGACGTAGACAAGCTAAGA
AAGCTGCATCCACAGACCTTGGAGCAGGAGAAGCAGTTGTCGGCAAGGTCTTGGAAATCACAGAACTACC
AGACGGAATAACTCGAGTGGAAGCCGAGAAGCTTTTTGGGGAACTCTTTAAAATTGGCGCCAAGATCCGA
TGGCTCCGGGACCCCCAGTCTCAGCCTCAGCTGCGTCGTCACGCTCTCTGCTGTGGTAGTGGGGATAACA
CTGTCAACCCTGAGCACTCTAAACCCAGTGACCTGGCCTCTACGTACACTGTCCTAGCTACGTTCCCCTC
CATTTCAGCTGCACAGAGTGCACTGAAGAAGCAGATCCATTCAGTGAACAAGTTTAAGCTGAGAATGAGC
AAGAAGCACTACGATTTCCACATTTTGGAAAGGGCAAGTTCTCAGTAA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_181750

Insert Size: 3408 bp

OTI Disclaimer: Due to the inherent nature of this plasmid, standard methods to replicate additional amounts of DNA in E. coli are highly likely to result in mutations and/or rearrangements. Therefore, OriGene does not guarantee the capability to replicate this plasmid DNA. Additional amounts of DNA can be purchased from OriGene with batch-specific, full-sequence verification at a reduced cost. Please contact our customer care team at custsupport@origene.com or by calling 301.340.3188 option 3 for pricing and delivery.

The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. More info

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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_181750.2, NP_861415.2
RefSeq Size:	4812 bp
RefSeq ORF:	3408 bp
Locus ID:	226412
Cytogenetics:	1 E3

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