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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
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>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 ACAGGTCAGCCCTTCTTAAACCCAGATGGAAGTCCAGTTGTGTACAATCCTCCTATGACTCAACAGCCAG

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TTCGAACCCAAGTGCCTGGTCCTCCACAGCCACCTCTGCCACCCCCACCACCTCAGCAGCCAGCAGCCAG
TCACATGTTCTCACAGCCTGTTGGTCCTCTGCAGTCCTCTTCTCAGCCTGTTCAGTGCTCTCCAGCCCCC
TACCCATCCCCGCTCCTGCCAGTCTCACCCACCCAGCAGTACTCCGTGGATAACCTTGGCGCTCAGTTCA
GCCATATGAGTCTTGCCCGCCAGCCATCAGCTGATGGTTCTGACCCTCATGCCACCATGTTCCAGTCCAC
TGTTGTACTACAGTCTCCACAGCAGTCTGGTTACATCGTGACGACAGCACCTCCACATCCGCCACCACCA
CCTCCACCACCTCCCCCTCCTCCTTCCCTACCACCTGGGCAGTCAGTCCCCACTGCCAGTTTCTCTGCCT
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AGCCTGTTACTGTGCTCCAGGCCACTATCACTCCAGCCAACCTCAGTACCGCCCTATCCCTTCTGTCCAT
CACAGTTCACACCTAAACCAACCACTGCCACAGCCTGCACAGCACACAGGTTATCAAGTTATGCCCAACC
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GAACAAGCACTACTGTGACCACCAGAGAGGACAGAAGTGTATGGACTTTAGCAACATGGATAATATTGTT
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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

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