

Product datasheet for MC223209

R3hdm2 (NM_001168293) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	R3hdm2 (NM_001168293) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	R3hdm2
Synonyms:	1300003K24Rik; AU041262; mKIAA1002
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>MC223209 representing NM_001168293 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGTCTAACAGTAACACTACTCAGGAGACTCTGGAAATATGAAAGAATCAGAAAAAACTGGTGGAAAG
AATCTGTAACAATAAAATTTATATCCAAAACCTCCAAGTAAGGAAGACGTCGAGAAGGAGGGTGAAGA
GAATGGTCTGCGTCAGGAGACACAGAGACGGACATCCAGTCATGGCCATGCCAGGAAAAGAGCCAAGTCT
AATTCCAAAACCTCAAGTTGGTGCAGCTCTGGCAGTCTGTGAGGAATCCTCCACTCCATTTGTCGATGGC
CACTAGACACCCAGGATATAATTCAACTGCACATCAGCTGCCCTCTGACAAGGAGAAGAAAAGTCCAC
AAAAGATGTCTCTGAAAAGGAAGACAAGGACAAAAGCAAAGAAAAGGTCCAAGGAAGATGCTATCCAGA
GACTCCAGCCAAGAATATACCGACTCCACTGGAATAGATCTACATGAATTTCTTGTAAATACACTGAAAA
AGAACCAAGGGACAGAATGATGCTGCTAAAGTTAGAGCAAGAGATTCTGGACTTCATCAATGACAACAA
CAACCAGTTCAAGAAGTCCCTCAGATGACCTCATACCCGGATGCTATTACATCGGGTAGCTGCCCTAC
TTTGGGATGGACCACAATGTTGATCAAACAGGGAAAGCTGTCATCATCAACAAAACAGCAGCAGCAGGA
TCCCTGAACAGAGGTTCTCAGAACATATAAAAGATGAAAAGAACCGGAATTTCAACAGAGGTTCAATCT
CAAGAGAGATGATGCCAGTATGGACCGAGATGATAACAGACCCGCGCAGAATGGATATCTGAATGACATC
AGACTCTCAAAGAAGCCTTTTCTAGCTCTCACAAGAGAAGGCAGATTTTTAGGGGAAACCGGGAAG
GGCTGAGCCGTACCTCAAGCAGCCGACAGAGCAGCACAGACAGCGAGCTCAAGTCCCTGGAGCCACGGCC
TTGGAGCAGCACAGACTCAGATGGCTCTGTCCGAGCATGCGACCTCCTGTCAACAAAGCCAGCAGCTTC
AGTGGAATCTCCATCCTCACCCGAGGCGACAGCATTGGCAGCAGTAAAGGCGGCAGTGCAGGCAGGCTCT
CCAGGCCAGGCATGGCACTAGGTGCCCAAGAGTGTGCAACAGGTACCTCACCCAGTCTGTCCGGGG
CCTTCTTCTTGTACTGCCAGCAGCAGCAGCAGCAACAACAACAACAACAACAACCTTCTGCTCTCCCA
CCCCTCTCAACACCAGCCACCCTTGAATAATCACATGATTTACAGCCAGTCCCGCCCTGCAGCCCT
CTCCACAGCCGGTTCAGTTTTCTCAAGCTCCTGTCCCGAGTCTTCTGCCAGTCTCTCCGCCAGCA
GTACAACATGGCAGAAGACCTCAGCAACCCCTTGGACAATGAGCCTTAGCCGCAAGGTTCTACTGAA



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GCAGCTGACCCCTCCTCGGCTTTGTTCCAGCCCCACTTATCTCCCAGCATCCTCAGCAAGCTAGTTTCA
 TCATGGCTTCTGCAGGACAGCCCCTTCCCACTTCCAATTATTCCACTTCTAGCCATGCTCCACCTACCCA
 GCAAGTCTGCCACCCCAAGGCTACATGCAGCCCCCTCAACAGATCCAGGTTTCTTACTACCCTCCTGGA
 CAGTATCCTAATTCCAACCAGCAATATCGACCTGTGTCTACCCGGTGGCCTATAGCCCCAGCGTGGTC
 AACAGCTGCCTCAAGCATCCCAGCAGCCTGGCTTACAGCCCATGATGTCTAACAGCAGCAGACGGCTTA
 CCAAGGCATGCTTGGGGTCCAGCAGCCTCAGAACCAGGGCCTACTCAGCAACCAGAGGAGCAGCATGGGA
 GGCCAGATGCAAGGCCTGGTGGTGCAGTACACTCCACTGCCTTCTTACCAAGTCCCTGTGGGACGTGACT
 CACAAAACGTGGTCCAGCCATCCTTCCAGCAGCCCATGCTGGTTCTGCCAGCCAGTCTGTGCAAGGAGG
 CCTCCCAACAGGAGGTGTGCCTGTGTACTACAGCATGATCCCACCAGCTCAGCAGAACGGAACGAGCCCT
 TCTGTGGGCTTTTCTGCAGCCTCCTGGCTCTGAGCAGTACCAGATGCCTCAGTCTCCCTCTCCCTGCAGCC
 CACCACAGATGTCACAGCAGTACTCAGGAGTGTCACTTCTGGACCAGGTGTGGTGGTCAAGCAACTGAA
 TGTCCCTAACGGACCCAGGCCCCCCAGAATCCATCCATGGTCCAATGGAGTCACTGCAAACTACTACAGC
 GTGGAGCAGCGTGGT CAGAAGCCTGGAGACCTGTACAGCCCTGATGGGAGCCCCAGGCCAACGCACAAA
 TGGGCAGCAGCCCGTCACATCTCTACCCAGTCTCCAGCACCCTCTCCTGTACGAGCCTCAGCAACGT
 CTGCACTGGACTCAGCCCCTGCCTGTCTCACACCATTCCCCGGCCTGGGGTCTGCACAGGGTGC
 GGGCGCTATTCCCTACTGGGT CAGCCATTACAGTACAATCTGTCCATCTGCCCTCCCTTGCTCCATGGCC
 AGTCAACTTACACGGTGCACCAGGGACAGAGCGGATTGAAGCACGAAACCGGGGCAAGAGACAAGCACT
 GAAATCTGCCTCCACTGACCTGGGGACAGCAGATGTTGTGCTTGGAAAGGTGCTGGAGGTGACTGACCTC
 CCTGAAGGAATCACCCGTACGGAGGCTGACAACTCTTACCCAGCTTGCATGTCTGGTCCAAGATCC
 AGTGGCTTAAGGATGCTCAGGGGCTGCCTGGTGCAGGCGGGGGGACAACAGTGGGACTGCTGAGAACGG
 CCGCCACCCGGACCTCGCAGCCCTGTACACGATAGTGGCTGTGTCCCCAGCCCCCTGGCCGCCAGAAC
 GCCTCCCTTCGCCTCAACAACCTGTGAGTCGCTTCAAACCTCCGAGTGGCTAAAAAGAACTACGACCTGA
 GGATCCTGGAACGAGCTAGCTCTCAATAG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:

SgfI-MluI

ACCN:

NM_001168293

Insert Size:

3039 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_001168293.1, NP_001161765.1
RefSeq Size:

4270 bp

RefSeq ORF:

3039 bp

Locus ID: 71750

Cytogenetics: 10 D3