

Product datasheet for RN214500

Mdm2 (NM_001108099) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Mdm2 (NM_001108099) Rat Untagged Clone
Tag: Tag Free
Symbol: Mdm2
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >RN214500 representing NM_001108099
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGTGCAATACCAACATGTCTGTGCTACCGAGGGTGCTGCAGGCACCTCACAGATTCAGCGTCGGAAC
 AAGAGACTCTGATTATATTTTATATTGGACAGTATATTGACTAAAAGATTATATGATGAGAAGCAGCA
 GCACATTGTGATTGCTCAAATGATCTCCTAGGAGATGTGTTCCGGAGTCCCAAGTTCTCTGTGAAGGAG
 CACAGGAAAATATATGCAATGATCTACAGAAACTTAGTGTTGTAAGTCAACAAGACTCTGGAACATCGC
 CGAGTGAGAGCAGATGTGAGCCTGAAGGTGGGAGTGACCTGAAGGACCCCGTGAAGCATACAAGAAGA
 GAAACCTTCATCTTCTGATGTAGTTTCTAGACCATCTACCTCATCTAGAAGGAGAGCAATTAGTAAACA
 GAAGAGAACACAGATGAACTACCTGGGGAACGACAGAGGAAGCGCCACAGAGCCCTGTCCTTTGATGAGA
 GCCTGGTCTGTGTGCTCAGGGAGATATGCTGTGAAAGAAGCAGCAGCAGCGAGGCCACAGACACCCC
 CTCACATCAGGATCTTGATGATGGCGTAAGTGACCATTCTGCTGATTGCCTGGATCAGGATTCAGTTTCT
 GATCAATTCAGTGTAGAATTTGAAGTTGAGTCTTTGACTCAGAAGATTACAGCCTGAGTGATGAAGGGC
 ATGAGCTCTCAGATGAGGATGATGAGGTCTATCGGGTACAGTCTATCAGGCAGGAGAAAGCGATGCAGA
 CTCTTTTGAGGGAGATCCTGAAATTTCCCTAGCTGACTATTGAAATGCACCTCGTGCAATGAAATGAAT
 CCTCCCCTTCCATCACACTGCAACAGATGTTGGACCCCTCGTGAGAACTGGCTTCCAGACGATAAAGGGA
 AAGATAAAGTGGAAATTTCTGAAAAAGCCAAACTGGAAAGCTCAGATCAGGCAGAAGAAGGCTTAGATGT
 GCCTGATGGCAAAAAAGTGACAGAGGATGATGCTAAGGAGTCACTGCTGAGGATAGCGAGGAAAAAGTG
 GCCCAGATGCTCCTGTACAGGAGAGTGACGACTATCCAGCCGTGACTTCCAGTAGCATTGTTTACA
 GCAGCCAAAGAAAGTGGCAAAGAGTTGAAGGAGGACACACAAGACAAGAGGAAAGTATGGAATCCAGCTT
 CTCTCTGAACGCCATCGAGCCATGTGTGATTTGCCAGGGGCGCCATAAAATGGTTGCATTGTTACGGC
 AAAACCGGACACCTGATGTCATGTTTACAGTGTGCAAAGAAGCTAAAGAAGAGGAATAAGCCCTGCCCCG
 TGTGCAGACAGCCGATCCAAATGATTGTGCTCAGTACTTCAACTAG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA



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Restriction Sites:	Sgfl-Mlul
ACCN:	NM_001108099
Insert Size:	1377 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:	<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_001108099.1</u> , <u>NP_001101569.1</u>
RefSeq Size:	2855 bp
RefSeq ORF:	1377 bp
Locus ID:	314856
Cytogenetics:	7q22
Gene Summary:	mouse homolog acts to inhibit p53 growth suppression in Ras transformed cells [RGD, Feb 2006]