

Product datasheet for **SC331634**

MDM1 (NM_001205028) Human Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: MDM1 (NM_001205028) Human Untagged Clone
Tag: Tag Free
Symbol: MDM1
Vector: pCMV6-Entry (PS100001)
Fully Sequenced ORF: >SC331634 representing NM_001205028.
Blue=Insert sequence Red=Cloning site Green=Tag(s)

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ATGCCGGTGCCTTCAAGGGGCTGAGTGAATACCAGAGGAACCTCCTGTGGAAAAAGTCTTATTTGTCC
GAGTCTTGTAATTCCTCCGTGGGGCGAAAGTACCCATGGGCTGGACTTAGATCAGATCAATTAGGCATC
ACGAAAGAGCCAAGTTTTATTTCAAAAAGAAGAGTCCCTTACCATGACCCACAGATTTCAAAATCTCTG
GAGTGGAAATGGAGCTATCTCAGAGAGCAATGTGGTTGCATCACCAGAACCAGAAGCCCGGAAACACCA
AAATCACAAAGAAGCAGAACAAGGATGTTACTCAAGAAAGAGTCACTCACTAGAAGCTCCAGGGTT
CCCAAAAAGAACCAGATCTCACTCTCAGACTCCAGAGCTGAAGGGGCTTCAGATGTGAAAAAATGAG
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CATGAAACTGAATACAAAAGAAATTTCAAGGGTTTATCTCCAGTGAAGAACCAAAATTAAGAAATGAT
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CAAAGGCTTGGGAAGGTGAATTCGAATATAGAGCAAAATTTCTGAGCCAGCTCAGTATTTATATAAA
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GACCATCTGAATCAGATTTTATCTGATAGCAACTGCTGTTGGGATGTCTCCTCAACCACAAGCTCAGAA
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CATGTTCCATCCTACTGGCATCCCTCTCGACGAATTCAGGGCTCTCTTAGAGATCCAGAGTTTCAGCAC
AATGTGGGAAAAGCAAGGATGAACAATTTGCAGTTACCTCAACATGAAGCCTTTAATGATGAAGATGAG
GACAGATTGTCTGAGATTTCTGCTCGCTCTGCAGTTCTAGTCTCCGGGCTTTTCAAACCTCTGGCACGA
GCTAAGAAAAGGAAGGAGAATTTCTGGGTAACAATAA
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Restriction Sites:	Sgfl-Mlul
ACCN:	NM_001205028
Insert Size:	2040 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:	NM_001205028.1
RefSeq Size:	2888 bp
RefSeq ORF:	2040 bp
Locus ID:	56890
UniProt ID:	Q8TC05
Cytogenetics:	12q15
Protein Families:	Druggable Genome
MW:	76.7 kDa
Gene Summary:	<p>This gene encodes a microtubule-binding nuclear protein that localizes to the centrioles of dividing cells and differentiating multiciliated cells and negatively regulates centriole duplication. The encoded protein is closely associated with the centriole barrel, and resides in the centriole lumen. Naturally-occurring mutations in the orthologous mouse gene are associated with age-related retinal degeneration. [provided by RefSeq, Feb 2019]</p> <p>Transcript Variant: This variant (4) lacks an in-frame coding exon in the 5' region and contains a novel exon in the mid-region compared to variant 1. This results in a shorter isoform (4) compared to isoform 1.</p>