

Product datasheet for **SC123566**

MDM1 (BC022042) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	MDM1 (BC022042) Human Untagged Clone
Tag:	Tag Free
Symbol:	MDM1
Synonyms:	FLJ95264; Mdm1 nuclear protein homolog (mouse); Mdm4, transformed 3T3 cell double minute 1, p53 binding protein; mouse Mdm1 nuclear protein homolog; nuclear protein double minute 1; nuclear protein MDM1
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	<p>>OriGene sequence for BC022042 edited</p> <pre> GGGGGCTTTTTCTCCAGTTAACTGTCGGAGTAGCGGGGCTCCGGCGCCGGGCGACATGC CGGTGCGCTTCAAGGGGCTGAGTGAATACCAGAGGAACCTCCTGTGAAAAAGTCTTATT TGTCAGAGTCTTGAATTCCTCCGTGGGGCGAAAGTACCCATGGGCTGGACTTAGATCAG ATCAATTAGGAAATCAAGGCAGATGTAGAACCAAGATCCAGCACAGTGACATCTCATCCC TTCTCATCTTGGTCTGCTCCACATAAGAGAAGCTTTGTGAAAAGTTCAAATTTTGACAG TACCAGGCCATTGTTCTGTTAAGTAGCACAGGAAAGTAATTAGAAACGAGGCAGCATGT ACTGCCTGGCCTGCCAGGTCTATCACGTTGCAATTCTAGTGACTTTTGTTAGGATAACTG GAACATTTTGTGACCCCGATTTTAAATTTTTTGTATGGTCAAATTTTAAATGCTTTT AAAAGCAAATTAATATTTTATGTTGAAGAAAAAAAAAAAAAAAAAAAAAAAAAAAAA </pre>



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5' Read Nucleotide Sequence:	>OriGene 5' read for BC022042 unedited NNNTAGTTCACAATTGTATACGACTCACTCATAGGCGGCACGCGAATTCGCCATTACGGC CGGGGGCTTTTTCTCCAGTTAACTGTCGGAGTAGCGGGGCTCCGGCGCCGGGCGACATG CCGGTGCGCTTCAAGGGGCTGAGTGAATACCAGAGGAACCTCCTGTGGAAAAAGTCTTAT TTGTCAGAGTCTTGAATTCCTCCGTGGGGCGAAAGTACCCATGGGCTGGACTTAGATCA GATCAATTAGGAAATCAAGGCAGATGTAGAACCAAGATCCAGCACAGTGACATCTCATCC CTTCTCATCTTGGTCTGCTCCACATAAGAGAAGCTTTGTGAAAAAGTTCCAAATTTTGACA GTACCAGGGCCATTGTTCTGTTAAGTAGCACAGGAAAGTAATTAGAAACGAGGCAGCAT GACTGCCTGGCCTGCCAGGTCTATCACGTTGCAATTCTAGTGACTTTTGTAGGATAAC TGGAACATTTTGTGACCCCCGATTTTTAATTTTTTGTATGGTCAAATTTTTAATGCTT TAAAAAGCAAAATTAATATTTTATGTTGNNGAAAAAAGAAAAAAAAAAAAAAAAAAAAAA CATGTCGGCCGCTCGGCCCTCGAGTTNTTNNCNGNNNNNTGNNTNNATTTTTGTTTTTT TTCCTTTTAAAAGGTGGCCCTGAAAAGGGCTTTTATTGGTAGAAAAGGACGCTTACC ACCGAAACCGTAAAGGTGCGGCCCTGGCGCTTGAACGCGTAACACATCCATGGCGGTG ACCGCTGCGCTTGGGTGCTCTGTATAGTCACGGCGTCCGGGTACGTTCTTCAGGACAC CTCAGCACCCCGAGTCTCTGAATGAGCCCGAAATGCCTTT
Restriction Sites:	Please inquire
ACCN:	BC022042
Insert Size:	540 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>BC022042.1</u> , <u>AAH22042.1</u>
RefSeq Size:	540 bp
Locus ID:	56890
Cytogenetics:	12q15
Protein Families:	Druggable Genome

Gene Summary:

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]