

Product datasheet for **SC126903**

R3HDM1 (NM_015361) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	R3HDM1 (NM_015361) Human Untagged Clone
Tag:	Tag Free
Symbol:	R3HDM1
Synonyms:	R3HDM
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene ORF within SC126903 sequence for NM_015361 edited (data generated by NextGen Sequencing)

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ATGAGGATGCTGATACTGTTACTGTAAAAGATGAACTGCAACAATGAAGGATTTGGAG
GCAGAAGTGAAAGATACAACCAGAGTTGAAAATCTTATCAAATCAGAAAATATGGGAAG
ATTTTGGTAGAGAAGAATGAACATTGTATTGAGAACAATATAGATTTGCACGGCCATTG
CAGTCATTTGGACAGACAGGAAAAAGGTCTAAGTCAAGCTCAAAGTTAAAGCTAGTTCGG
AGCCTTGCAGTGTGTGAAGAATCTCCACCACCCCTGCACCAGAGATATCACAGGAGAAC
CAGGAGAAAAATTCAGATCCAGTTAACACAATCATTTGAGAAAGAAGAGAAGCCCTCAAAA
GATGAAGCAGAAAAAGAAAAGGCCAGTGATAAGTTGCCAGAAAAATGTTATCAAGAGAT
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AGTCCAGTTGTGTATAATCCTCCTATGACTCAACAACCAGTTAGATCCCAAGTGCCTGGA
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Clone variation with respect to NM_015361.2

5' Read Nucleotide Sequence:

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>OriGene 5' read for NM_015361 unedited
TTTGTAAACGACTTACTATAGGGCGGCCGAAATTCGCACGAGGGGCACTCCCAATGC
CAGACTAATCAGCTGGATGTGTGACAGTGTGCTATAGAGGAGCAATGCAGAGCATCAGT
TTACAGGTAATGGAAGAATCTCCTTAACTCTGTATGATGAAGCAAATACCAATAC
AATGAAGGCCACGAAAGGTATGATATATTTGATCCAAGACAGTCCATTCCAGTCCGGGA
ATCTACAGTGGTGACAAGGACATGGGACTCCTCCTGCCAGATTACAGATGGTTCACTACA
GTTGACATCCTGGCTGACAACCTGTGAAAAAGAACCTTGGATTATTTTATTTTATTTTGT
GGGACACCACAATCCCAATCCAAGGACGCATCAGGCTTCAAGCTCCCTGTAGAATTTCG
AAAATAACCTTTTCTAATGAGGATGTCTGATACTGTTACTGTAAAAGATGAACTGCAAC
AATGAAGGATTTGGAGGCAGAAGTGAAGATACAACCAGAGTTGAAAATCTTATCAAATC
AGAAAATATGGGAAGATTTTGGTAGAGAAGAATGAACATTGTATTGAGAACAATATAGA
TTTGCAGCGGCCATTGCAGTCATTTGGACAGACAGGAAAAAGGTCTAAGTCAAGTCAAA
GTTAAAGCTAGTTCGGAGCCTTGCAGTGTGTGAAGAATCTNCAACCCCTGCACCAGA
GATATCACAGGNAGAACCANNGAGAAATNCAGATCCAGTTAACACAATCATTTGAGAAAG
AAGAGAGCCCCTCAAGATGAAGCAGAAAAGAAAAGCCAGTGATAAAGTCCCAGAAAATG
TATCAAGAGATCCAGTCAGAATACACTGATTCAGTCCATAGATCTACATGATTTTATAGN
AATACATAAAAACATCCCAGGACGAATGATGCTGCTGAAT
    
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3' Read Nucleotide Sequence:	>OriGene 3' read for NM_015361 unedited AACCCCCCGGCCNCCCCCCCCCTCCNNAACTAAATTTGACTTTGGNACCGCGGCCGC ATNCTAGGATCGAGTTTTTTTTTTTTTTTTTTTGTAACTTTATCTCTTGAAGTAAAAA GCTTGCATCAGCACACATTGTACAGCCTTGCAAATTACACAGAAATTGAAAAGAAGGTC CTTGTTCAATAAGTGAATGAATCTTTGATGTCCAGTGATCCGCTGCAAACAATGAAAACA AACTGTAAAGCACTTAAGAAGTTCCAGCACTCATCAAATGCATTTCTTAGGTGACAAA AAATCCACAAGGAGAATGCAAATAAGTGGCATTAGTTATTAGAGAGATACTTGAAAAA AAAAAGTGAAGTATTTTCTGCTTAGAATGATTCTGTTCCTTTGAATGTAAGTGGT TTAAGAGGCATTAAGAACATAATTTATTTTATACTTAATGTTTCACTACCTAAATGAAT AAGGAAAGGGCCCTACAAGGAAGAGTTATGATTTTTTTGGTAATTGTTTCTGAGTTAGA GATTCAGGGGAAGAGTAATCCTCTATTTGTGGGCTCTTCTTAGCATCCCTAACCCCAAG GAGATAGTACATGGTTTTGACTTGGTTATTTCACTCTGCATTCTTTTCCCCAAATTT TAAGTTGGGTACATTGTGCTGGCTGCAAAAAGAAATACAGGGTGCAACTGGTTATAATC ATTTTGAAGAATAATTTGCTGTACAATAGAGCTTTGGGATCTGATACANNGAATTTAGAA ATATAAACANNATTACTCTAAAAGTTAGGAGGCATTTGAATGGCCATTCTTTAGAAAA CCTGCTAACTCTGTAAAAATTTCTGATGTGGGATCCCTATCATGTGGGGTGGAAAGCATA TTTTTCCCCTTTGCTGGGACACTGGCCTTTTTTCCAAACTATAAT
Restriction Sites:	NotI-NotI
ACCN:	NM_015361
Insert Size:	5000 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_015361.2</u> , <u>NP_056176.2</u>
RefSeq Size:	4666 bp
RefSeq ORF:	3300 bp
Locus ID:	23518
UniProt ID:	<u>Q15032</u>
Cytogenetics:	2q21.3
Domains:	R3H