

## Product datasheet for **SC114763**

### **R3HDM2 (NM\_014925) Human Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	R3HDM2 (NM_014925) Human Untagged Clone
Tag:	Tag Free
Symbol:	R3HDM2
Synonyms:	CAG6; PR01365
Mammalian Cell Selection:	None
Vector:	<u><a href="#">pCMV6-XL5</a></u>
E. coli Selection:	Ampicillin (100 ug/mL)



[View online »](#)

**Fully Sequenced ORF:** >NCBI ORF sequence for NM\_014925, the custom clone sequence may differ by one or more nucleotides

```

ATGTCTAACAGTAACACTACTCAAGAGACCTGGAAATAATGAAAGAATCAGAAAAAACTGGTGGAAAG
AATCTGTAACAAAAACAAGTTTATATCTAAGACTCCAAGTAAGGAAGAAATTGAGAAAGAATGTGAAGA
TACCAGTTTGCCTCAGGAGACACAGAGGGGACATCTAACCATGGTCATGCCAGGAAAAGAGCCAAGTCT
AATTCCAAGCTAAAGTTGGTGCGTAGCCTGGCAGTGTGTGAGGAGTCTCCACCCCATTTGCTGATGGGC
CATTAGAAACCCAGGATATAATTCAATTGCACATCAGTTGCCCTTCTGACAAGGAGGAAGAAAAAGTCCAC
AAAAGATGTCTCTGAAAAGGAAGACAAGGACAAAAACAAGAAAAGATCCCAAGGAAGATGCTGTCCAGA
GACTCCAGCCAGGAATATACGGACTCCACTGGAATAGACCTACATGAATTTCTTGTAAATACACTGAAAA
AGAACCAAGGGACAGAATGATGCTGCTAAAATTAGAACAGGAGATTCTGGAATTTATTAATGACAACAA
TAATCAGTTCAAGAAGTCCCTCAGATGACCTCATATCACGGATGCTATTACACCGGTAGCTGCCTAT
TTTGGGATGGACCACAATGTTGATCAAACCTGGGAAAGCTGTCATCATCAACAAAACACTAGTAACACAAGAA
TCCCTGAACAGAGGTTCTCAGAACATATAAAGGATGAGAAGAATACAGAATTTCAACAGAGGTTTATTCT
CAAGAGAGATGATGCCAGTATGGACCGAGATGATAACCAGACTGGCCAGAACGGATATCTAATGACATC
AGACTCTCCAAAAGACCTTTTCTTCTAGCTCTACAAGAGAAGGCAGATTTTTAGGGGGAACCGTGAAG
GACTGAGCCGCACCTCAAGCAGCCGCCAGAGCAGCACAGACAGCGAACTCAAATCCCTGGAGCCACGCCC
TTGGAGCAGCACAGACTCTGATGGCTCTGTCCGGAGCATGCGACCCCTGTCAACAAAGCTAGCAGCTTC
AGTGGAATCTCTATCCTTACCCGAGGTGACAGCATCGGCAGCAGTAAAGGCGGCAGTGGGGGAAGGATCT
CCAGGCCAGGTATGGCACTAGGTGCCCAAGGTGTGCAACCAGGTACCTCATCCAGTCTGTCCGGGG
GCTTCTCCCTGTACTGCCAGCAGCAACAGCAGCAGCAGCAGCAACTTCTGCTCTCCACCCACAG
CCTCAGCAACAGCCACCCTTGAATAATCACATGATCTCACAGGCAGATGACCTCAGCAACCCCTTTGGAC
AAATGAGCCTTAGTCGCCAAGGTTCTACTGAAGCAGCTGACCCATCTGCAGCTCTATTCAGACCCCACT
TATCTCCAGCACCCCTCAGCAGACTAGTTCATCATGGCTTCCACGGGTAGCCCTCCCACTTCCAAC
TATTCCACCTCTAGCCATGCACCACCTACTCAGCAAGTCTGCCACCCAGGGGTACATGCAGCCCTC
AACAGATCCAGGTTTCTTACTATCCCCCTGGACAATATCCTAACTCCAACCAGCAATATCGACCTCTCTC
TCACCCGGTGGCCTATAGCCCCAACGTGGTCAAGCAGTGCCTCAGCCATCCAGCAGCCTGGTTTACAG
CCCATGATGCCTAACCAGCAGCAGGCGGCTTACCAAGGCATGATTGGGGTCCAGCAGCCACAGAACCAGG
GCCTGCTCAGCAGCCAGAGGAGCAGCATGGGGGGCAGATGCAAGGCCTGGTGGTTCAGTACACTCCACT
GCCTTCTTACCAAGTCCAGTGGGTAGTACTCGCAAAATGTGGTCCAGCCGCTTCCAGCAACCCATG
CTGGTCCCTGTGAGCCAGTCTGTGCAAGGAGCCCTCCAGCAGCGGGGTACCAGTGTACTATAGCATGA
TCCCACCTGCTCAGCAGAACGGTACGAGCCCTTGTAGGGTTTCTGCAACCCCTGGCTCTGAGCAGTA
CCAGATGCCTCAGTCTCCCTCTCCCTGCAGTCCACCACAGATGCCACAGCAGTACTCAGGAGTGTACCT
TCTGGACCAGGTGTAGTGGTCATGCAGCTGAATGTCCCTAATGGACCCAGCCCCCTCAGAACCCATCCA
TGGTCCAGTGGAGTCATTGTAATACTACAGCATGGACCAGCGGGGGCAGAAGCCTGGAGACCTGTACAG
TCCTGACAGCAGCCCCAGGCCAACACACAAATGAGCAGCAGCCCTGTACATCTCTACCCAGTCTCCA
GCACCTCTCCTGTCAACAGCCTCAGCAGTGTCTGCACAGGACTCAGTCCCCTGCCTGTCTCACACAGT
TCCCCCGCCTGGGGTCCAGCAGGAGGATGGGGCTACTCCCTTTTGGCCAGCCATTACAGTACAA
TCTGTCCATCTGCCCTCCCTTGTCCATGGCCAGTCAACTTACACGGTGCACCAGGGACAGAGTGGACTG
AAGCATGGAAACCGGGCAAGAGACAAGCACTCAAATCTGCCTCCACTGACCTGGGGACAGCAGATGTTG
TCCTGGGGCGGGTGTGGAGGTGACAGATCTCCCTGAGGGCATCACCCGACTGAGGCGGACAACTCTT
CACGCAGCTCGCCATGTCTGGCGCAAGATCCAGTGGCTCAAGGATGCTCAGGGGCTGCCTGGAGGGGGT
GGGGGGGACAACAGTGGGACTGTGAGAATGGCCGCCACTCGGACCTCGCTGCCTGTACACCATTTGTTG
CTGTGTTCCAGCCCCCTGGCTGCCAAAATGCCTCCCTTCGTCTCAACAACTCCGTGAGTCGCTTCAA
ACTTCAATGGCCAAAAGAAGTATGACCTGAGGATCCTGGAGCGAGCCAGCTCCCAATAA
    
```

<b>5' Read Nucleotide Sequence:</b>	>OriGene 5' read for NM_014925 unedited GATTTTGTAAACGACTCACTATAGGGCGGCCGGAATTCGGCACGAGGATTTAGGAGAG CTGTACCTAATAGGTCTGCTTCCAAACAAACGGTCTTTGTCTCCTTTTCTTTTACATT TCTCTCCAAATCTGAGCCCTGAACAGAGGTTCTCAGAACATATAAAGGATGAGAAGAATA CAGAATTTCAACAGAGGTTCCATTCTCAAGAGAGATGATGCCAGTATGGACCGAGATGATA ACCAGATCAGAGTTCATTGCAGGATGGAAGGAGGAGCAAGTCAATAGAAGAGAGAGAGG AGGAATATCAAAGGGTCCGAGAGAGAATATTTGCCCGAGAGGGGAACCGTGAAGGACTG AGCCGCACCTCAAGCAGCCGCCAGAGCAGCACAGACAGCGAACTCAAATCCCTGGAGCCA CGCCCTTGGAGCAGCACAGACTCTGATGGCTCTGTCCGGAGCATGCGACCCCTGTCACC AAAGCTAGCAGCTTCAGTGAATCTCTATCCTTACCCGAGGTGACAGCATCGGCAGCAGT AAAGGGCGCAGTGCGGGAAGGATCTCCAGGCCAGGTATGGCACTAGGTGCCCCAGAAGTG TGCAACCAGGTACCTCATCCCAGTCTGTCCGGGGCTTCTCCCTTGTACTGCCCAGCAG CAACAGCAGCAGCAGCAGCAACTTCTGCTCTCCACCCACGCCTCAGCAACAGCCC ACCCTTGGATAATCATATGATCTCACAGGCAGATGACCTCAGCAACCCCTTTGGACAATG AGCCTTAGTCCGCACAGGTCTACCTGAGCAGCTGACCCATCTGCAGCTCTATTCCAGACC CACTTATCTCCCACACCCTCAGCAGATAGCTTTTATTGCTT
<b>Restriction Sites:</b>	NotI-NotI
<b>ACCN:</b>	NM_014925
<b>Insert Size:</b>	4000 bp
<b>OTI Disclaimer:</b>	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).
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"> <li>1. Centrifuge at 5,000xg for 5min.</li> <li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li> <li>3. Close the tube and incubate for 10 minutes at room temperature.</li> <li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li> <li>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.</li> </ol>
<b>Note:</b>	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
<b>RefSeq:</b>	<u><a href="#">NM_014925.2</a></u> , <u><a href="#">NP_055740.2</a></u>
<b>RefSeq Size:</b>	3974 bp
<b>RefSeq ORF:</b>	1914 bp
<b>Locus ID:</b>	22864
<b>UniProt ID:</b>	<u><a href="#">Q9Y2K5</a></u>
<b>Cytogenetics:</b>	12q13.3
<b>Domains:</b>	R3H