

Product datasheet for **SC319319**

R3HDM4 (NM_138774) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	R3HDM4 (NM_138774) Human Untagged Clone
Tag:	Tag Free
Symbol:	R3HDM4
Synonyms:	C19orf22
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC (PS100020)
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >OriGene sequence for NM_138774.2
 GAAGGCCCTGCCGGGCGGCGGCGGCGGCGACAGCGTGCGAGCCATGGTCGCGCTGGAGAA
 CCCCAGTGC GGCCCGGAGGGCGGCGGAGGGCACCCGGGCGGGCGGGCTGCTGCCCT
 TCCCAGCTGCCTGCCTAGCCAGCTCCCAGGTGAAGAGACTCTCGGCTTCCAGGCG
 GAAACAGCACTTCATCAACCAGGCAGTGC GGAACCTCAGACCTCGTCCCAAGCCAAGGG
 GCGGAAGAGCCTCCAGCGCCTGGAGAACACCCAGTACCTCCTGACCCTGCTGGAGACAGA
 CGGGGGCCTGCCTGGCCGGAGGATGGGGACTTGGCACCCCTGCATCACCAGGCATCTT
 TGCCGAGGCCTGCAACAACGCCACCTATGTGGAGGTCTGGAACGATTTTCATGAACCGCTC
 CGGGGAGGAGCAGGAGCGGGTTCTTCGCTACCTGGAGGATGAGGGCAGGAGCAAGGCGCG
 GAGGAGGGGCCCTGGCCGTGGGGAGGACCGGAGGAGAGAGGACCCCGCTATACACCCCG
 CGAGTGTCTCCAGCGCATCAGCCGGCGTCTGCGAGCCGTCTCAAGCGCAGCCGCATCCC
 CATGAAACGCTGGAGACCTGGGAGGAGCGGCTGCTTCGGTTCTTCTCCGTGTCCCCCA
 GGCCGTGTACACAGCAATGCTAGACAACAGCTTCGAGAGGCTTCTGCTGCAGCTGTCTG
 CCAGTACATGGACCTCATCTCGCCAGTGTGACCTGGAGGGGAAGCGGCAGATGAAGGT
 CAGTAATCGGCACCTGGATTTCTGCCCGGGGGCTGCTCCTGTCCGCTACCTGGAGCA
 GCACAGCTGATGGCGGCCCGCGGAGACCCCGTCCACCTCGCCAGCCATCAAGCCCT
 CCGATACCTTCGGCTAAAATATCTTTCATATTTTTAGAAATTTGCTCCTCGAAACCTTTTT
 CGCTTGGGGTGGTCTCTCTCACTCTGCCCCCTCCTCACGCAGCTTTGGCAGTCAACAGA
 CGCTGGCGGTGGGGCTGCCATGCCATCCCAGCTCCAAGCTTCCCACTCCGGGACTTGT
 GTTTGGGTGGGGAGACCTGACCTGGGCATGTTCTGTTTCTTCATCGTTGAGCTTTTCTG
 GCCCGTCTGAAGCTCAAGTGAGGAGGGGGAGGCTGGGTTTTATCACTTTAATGAATT
 TGGTGTGATTTGTTGATTTTTAAATTTCCCTTTTGGAGAGAAAAACCAAAAAAATC
 GCCCACTGGTAAAACATGGGTCTTGGTCCCAGCCCTGCTCAGCCCTCCCAGTTTTTA
 GCTTGAATGAGGGTGGGGTCTCTGGGACCCTGCCCTCATGCCAGAAGCATCTTGTGTTG
 TATATGTGTGCGCGGTGTGCCCTGAGACCCAGGACAGAAGCCACGGTCCTAAGAGCCGG
 TTTTATCCTCGTATTCTGCGTGTCTCCCCACGCCACCTGTGTGGGGCTCAGGGTCT
 CCTGCTTTATATGAGCCCCCTTCTTTCTCCCCCTCCTTATGCTGGGGTCCAGGACTT
 CCAGCCAGAAGCCTTGCCTTGCCTACCTTGTCTGTCAACCCATCCCCTGTCCCCTCG
 TCCCCAGCCTGACTCCTGCCTGATAGCTCCTGTGTCCCATGCTGGTCTCCTGGCCCA
 GGCTGCAGGAGCCAGGCTGGGGGCTCCGCACCCCTTGTGCTGTGGGTAATTGTGT
 TTTGGGGAAAGTGGGAATTTAATAAATTTCTGGTGTCTGGCAAAAAAAAAAAAAAAAAA
 AAAAAAAAAA

Restriction Sites: Please inquire

ACCN: NM_138774

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).

OTI Annotation: This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.

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:

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_138774.2](#), [NP_620129.2](#)

RefSeq Size: 1810 bp

RefSeq ORF: 807 bp

Locus ID: 91300

UniProt ID: [Q96D70](#)

Cytogenetics: 19p13.3