

Product datasheet for **RC228182**

RDM1 (NM_001163121) Human Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: RDM1 (NM_001163121) Human Tagged ORF Clone
Tag: Myc-DDK
Symbol: RDM1
Synonyms: RAD52B
Mammalian Cell Selection: Neomycin
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
ORF Nucleotide Sequence: >RC228182 representing NM_001163121
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGGCGGAGTTGGTACCTTTTGCGGTCCCATCGAGAGTGACAAAACCTTGCTAGTGTGGGAGCTGAGCT
 CCGGACCCACGGCCGAGGCTTTGCATCATTCTCTGTTCACAGCATTTCAGTTTGGCCTTCTGTATTC
 AGTCCGGGTCTTCCCAAATGCTGCAGTGGCCCATCCTGGTTTCTATGCCGTCATTAAGTTTTATTCTGCA
 AGGGCTGCCACAGAGCCAAAAGGCATGCGACCGGAAGCAGCTTTTTCAGAAATCTCCAGTCAAGGTTCC
 GTCTTGGCACCAGACATAAGGCAGTTCAACATCAAGCCCTTGCCTGAACAGTTCCAAATGCCAAGAACT
 GCGAATTACTACTTTGGTTCAATGGGTGTTCCAAAAGGATCATCAAGCTTCAGGAGCTTCTGACCTT
 GAAGAAAGGAAAATGAAGATAGCATGGTGCCACTTCCGAAGCAAAGCCTGAAGTCTTCTGTGCTTTAG
 AAGTGGTGTGCCATCCTGTGATTGCAGGAGTCCCTGGCATTGGCTTGGTGGAGGAGCCTATGGATAAGGT
 GGAGGAAGAAAGTGGTAAAATAGCTGTGGAGTACAGACCCAGTGAAGACATCGTAGGTGTGAGATGCGAA
 GAAGAACTACACGGTTAATTCAAGTCCCTTGTCTCCCTGGAAGCAGTATGGCCAAGAGGAGGAAGGT
 ATCTCTCGGATTCAGCTTGGAGGAGGAAGAGTTCAGGCTGCCAGAACTTGAC

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA



[View online »](#)

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.

Note: Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.

RefSeq: [NM_001163121.2](#)

RefSeq ORF: 756 bp

Locus ID: 201299

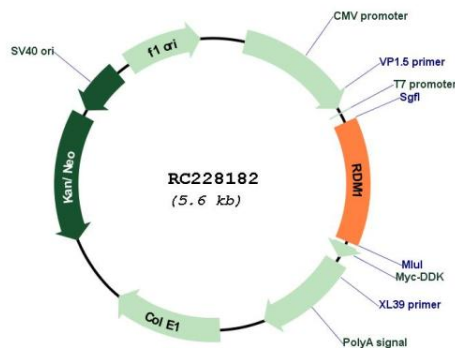
UniProt ID: [Q8NG50](#)

Cytogenetics: 17q12

MW: 28.1 kDa

Gene Summary: This gene encodes a protein involved in the cellular response to cisplatin, a drug commonly used in chemotherapy. The protein encoded by this gene contains two motifs: a motif found in RAD52, a protein that functions in DNA double-strand breaks and homologous recombination, and an RNA recognition motif (RRM) that is not found in RAD52. The RAD52 motif region in RAD52 is important for protein function and may be involved in DNA binding or oligomerization. Alternatively spliced transcript variants encoding different isoforms have been reported. [provided by RefSeq, Jul 2008]

Product images:



Circular map for RC228182