

## Product datasheet for RC221296

### RBMS1 (NM\_016839) Human Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	RBMS1 (NM_016839) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	RBMS1
Synonyms:	YC1, MSSP, SCR2, MSSP-1, MSSP-2, MSSP-3, MGC3331, MGC15146
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>RC221296 representing NM_016839 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGGCCCTCCAGTCCCAGCACCACCAGCAGTAATAACAACAGTAGCAGCAGTAGCAACTCAGGATGGG  
ATCAGCTCAGCAAAACGAACCTCTATATCCGAGGACTGCCTCCCCACACCACCGACCAGGACCTGGTGAA  
GCTCTGTCAACCATATGGGAAAATAGTCTCCACAAAGGCAATTTGGATAAGACAACGAACAAATGCAA  
GGTTATGGTTTTGTCGACTTTGACAGCCCTGCAGCAGCTCAAAAAGCTGTGTCTGCCCTGAAGGCCAGTG  
GGTTCAAGCTCAAATGGCAAAGCAACAGGAACAAGATCTACCAACCTCTACATTTCTAATTTGCCACT  
CTCCATGGATGAGCAAGAACTAGAAAATATGCTCAAACATTTGGACAAGTTATTTCTACAAGGATACTA  
CGTGATTCCAGTGGTACAAGTCGTGGTGTGGCTTTGCTAGGATGGAATCAACAGAAAAATGTGAAGCTG  
TTATTGGTCATTTAATGGAAAATTTAATAAGACACCACCAGGAGTTTCTGCCCCACAGAACCTTTATT  
GTGTAAGTTTGTGATGGAGGACAGAAAAAGAGACAGAACCCAAACAAATACATCCCTAATGGAAGACCA  
TGGCATAGAGAAGGAGAGGTGAGACTTGTGGAATGACTTACTTACGACCAACTACAGCTGTATAC  
AGAACGGATTTATCCTTACCATACAGTATTGCTACAAACCGAATGATCACTCAAATTTCTATTACACC  
CTATATTGCATCTCCTGTATCTGCCTACCAGGTGGCAAAGGAAACCAGAGAAAACAAGTATCGGGGCTCT  
TAACTCCCTCAATGGAGCACACCATGTCACTACAGCCCGCATCAATGATCAGCCCTCGGCCAGCAGAT  
GAGTCATCTGTCAGTACGAGCAGCCGGAACATACATGCCTGCAACGTCAGCTATGCAAGGAGCCTACTTG  
CCACAGTATGCACATATGCAGACGACAGCGTTTCTGTTGAGGAGGCAAGTGGTCAACAGCAGGTGGCTG  
TCGAGACGTCTAATGACCATTCTCCATATACCTTTCAACCTAATAAG

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA



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**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\\_016839.2](#), [NP\\_058523.1](#)

**RefSeq Size:** 2596 bp

**RefSeq ORF:** 1169 bp

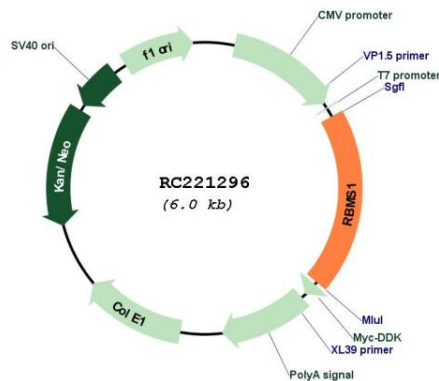
**Locus ID:** 5937

**Cytogenetics:** 2q24.2

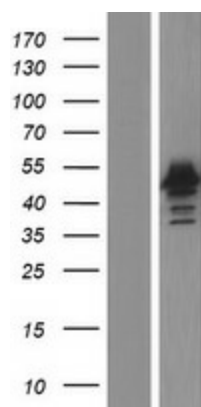
**MW:** 42.8 kDa

**Gene Summary:** This gene encodes a member of a small family of proteins which bind single stranded DNA/RNA. These proteins are characterized by the presence of two sets of ribonucleoprotein consensus sequence (RNP-CS) that contain conserved motifs, RNP1 and RNP2, originally described in RNA binding proteins, and required for DNA binding. These proteins have been implicated in such diverse functions as DNA replication, gene transcription, cell cycle progression and apoptosis. Several transcript variants, resulting from alternative splicing and encoding different isoforms, have been described. A pseudogene for this locus is found on chromosome 12. [provided by RefSeq, Feb 2009]

### Product images:



Circular map for RC221296



Western blot validation of overexpression lysate (Cat# [LY413822]) using anti-DDK antibody (Cat# [TA50011-100]). Left: Cell lysates from untransfected HEK293T cells; Right: Cell lysates from HEK293T cells transfected with RC221296 using transfection reagent MegaTran 2.0 (Cat# [TT210002]).