

Product datasheet for **RC211441**

RBMS3 (NM_001003793) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	RBMS3 (NM_001003793) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	RBMS3
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>RC211441 representing NM_001003793 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGGCAAACGCCTGGATCAGCCACAAATGTACCCCACTACTACTATCCTCATTATCTCCAAA
CCAAGCAGTCCTATGCACCAGCTCCCCACCCATGGCTCCTCCCAGCCCCAGCACAAACAGCAGCAGCAA
CAACAGCAGCAACAACAGCAGCGGGGAACAGTTGAGTAAAACCAACCTGTACATTCGAGGCCTCCCACCA
GGCACCCTGACCAGGACCTAATCAAGCTGTGCCAACCGTATGGAAAAATTTGATCTACAAGGCAATTC
TTGACAAAAACAAAATCAGTGCAAAGTTATGGTTTTGTAGATTTTGACAGTCCTGCAGCCGCACAGAA
AGCGGTAGCATCTCTCAAGGCAAATGGCGTGCAGGCACAGATGGCTAAGCAACAAGAGCAAGACCCCAACA
AACCTATACATCTCAAATCTCCCATTTCTATGGATGAGCAGGAGCTTGAGAATATGCTGAAACCCTTTG
GACATGTCATTTCCACAAGAATACTAAGAGACGCTAATGGAGTCAGCAGAGGTGTTGGCTTTGCCAGAAT
GGAGTCTACTGAAAAATGTGAAGTGGTAATTCAACATTTAATGGAAAAATCTGAAAAACACCACCGGC
ATCCCAGCCCCAGTGAGCCTTTGCTGTGCAAATTCGCTGATGGAGGACAAAAGAAGCGACAGAATCAA
GCAAATATACCCAGAATGGGAGGCCTTGCCCAAGGAGAGGCTGGCATGGCTTTGACCTATGACCC
CACAGTGCCTACAGAATGGATTTTATCTTACCCTACAGTATTGCAACCAACCGCATGATTCACAG
ACATCTATCACGCCATTCATTGCTGCTTCCCCTGTCTCCACATACCAGGTCAGAGTACTTCATGGATGC
CTCATCCGCCATACGTTATGCAACCAACAGGTGCTGTGATTACACCAACCATGGACCATCCCATGTCAAT
GCAGCCAGCCAACATGATGGGCCACTGCACAGCAGATGAATCACCTTCGTTGGGCACAAACAGGAACG
ATTCATCCCAAGACAGGATTATGATACTCCACCAGCTGTTGTGTGAGTATGACTGCTGCTGCTCCTA
TGCAAGGGACCTACATTCCTCAGTACACGCCTGTGCCTCCGACAGCTGTTTCTATTGAAGGTGTTGTTGC
TGATACCTCTCCCAGACAGTGGCACCTTCATCCAGGACACCAGTGGTCAGCAGCAACAGATAGCAGTG
GACACATCCAACGAACATGCACCTGCATATTCTTACCAACAGTCTAAACCA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
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_001003793.3](#)

RefSeq Size: 2817 bp

RefSeq ORF: 1314 bp

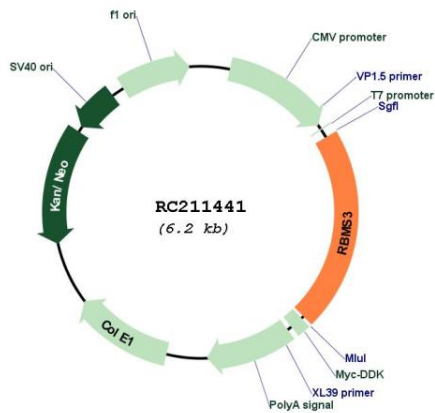
Locus ID: 27303

UniProt ID: [Q6XE24](#)

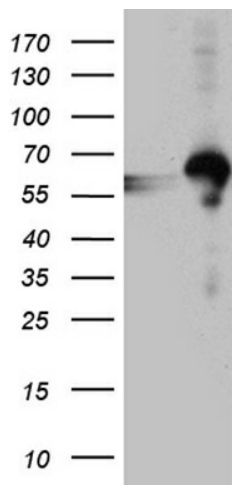
Cytogenetics: 3p24.1

MW: 47.7 kDa

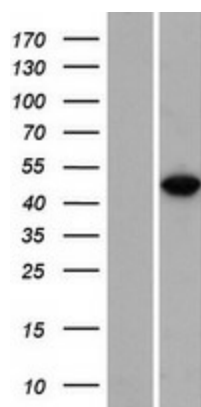
Gene Summary: This gene encodes an RNA-binding protein that belongs to the c-myc gene single-strand binding protein family. These proteins are characterized by the presence of two sets of ribonucleoprotein consensus sequence (RNP-CS) that contain conserved motifs, RNP1 and RNP2, originally described 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. The encoded protein was isolated by virtue of its binding to an upstream element of the alpha2(I) collagen promoter. The observation that this protein localizes mostly in the cytoplasm suggests that it may be involved in a cytoplasmic function such as controlling RNA metabolism, rather than transcription. Multiple alternatively spliced transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Apr 2010]

Product images:


Circular map for RC211441



HEK293T cells were transfected with the pCMV6-ENTRY control (Cat# [PS100001], Left lane) or pCMV6-ENTRY RBMS3 (Cat# RC211441, Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-RBMS3 (Cat# [TA811599])(1:2000). Positive lysates [LY424008] (100ug) and [LC424008] (20ug) can be purchased separately from OriGene.



Western blot validation of overexpression lysate (Cat# [LY424008]) using anti-DDK antibody (Cat# [TA50011-100]). Left: Cell lysates from untransfected HEK293T cells; Right: Cell lysates from HEK293T cells transfected with RC211441 using transfection reagent MegaTran 2.0 (Cat# [TT210002]).