

Product datasheet for **SC300547**

RBMS3 (NM_001003793) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	RBMS3 (NM_001003793) Human Untagged Clone
Tag:	Tag Free
Symbol:	RBMS3
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL6</u>
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >OriGene sequence for NM_001003793 edited
 ATCACTACAGACAGCCTGGTTAGAGAACAACCTGCCTCATCCCAAGTGGACCCCGGCAGC
 TGGGGGAAGCCAGGCAAGATCTGGGAAGGCTGTGTGTGGGTGTTTTTCTACAGATCTCA
 CTCCTCGCCCTTTTTTTTTTCTTTGGTGTGTGTTTTTGTGTTTTGTTTTTAA
 AAAAATCTTGCTGTGTTGGAAGTAGCGAGTGGTGGAGTCTCTGAAGCCTCATCAGTCAC
 CGGGAGTGTGAGGAATAGTGGTTAAGAGGAAGCTCGGCCTGGGGCACTATACCTGTCA
 TCCAGTTCCCTGCCTCGGAGATAAAGATTCCAGCTACATGGGCAACCGCTGGATCAGCC
 ACCAAATGTACCCCAAGTACACTTACTACTATCCTCATTATCTCCAACCAAGCAGTCCTA
 TGCACCAGCTCCCAACCCATGGCTCCTCCAGCCCCAGCACAAAACAGCAGCAGCAACAA
 CAGCAGCAACAACAGCAGCGGGAAACAGTTGAGTAAAACCAACCTGTACATTGAGGCGCT
 CCCACCAGGCACCACTGACCAGGACCTAATCAAGCTGTGCCAACCGTATGGAAAAATTGT
 ATCTACAAAGGCAATTCTTGACAAAAACACAAATCAGTGCAAAGGTTATGGTTTTGTAGA
 TTTTGACAGTCTGCAGCTGCACAGAAAGCGGTAGCATCTCTCAAGGCAAATGGCGTGCA
 GGCACAGATGGCTAAGCAACAAGAGCAAGACCCAAACAACTATACATCTCAAATCTCCC
 CATTTCTATGGATGAGCAGGAGCTTGAGAATATGCTGAAACCCCTTGGACATGTCATTTT
 CACAAGAATACTAAGAGACGCTAATGGAGTCAGCAGAGGTGTTGGCTTGGCAGAATGGA
 GTCTACTGAAAAATGTGAAGTGGTAATTCAACATTTTAAATGAAAAATATCTGAAAACACC
 ACCAGGCATCCCAGCCCCAGTGAAGCCTTTGCTGTGCAAAATTCGCTGATGGAGGACAAAA
 GAAGCGACAGAATCAAAGCAAATATACCCAGAATGGGAGGCTTGGCCCAGGGAAGGAGA
 GGCTGGCATGGCTTTGACCTATGACCCACAGCTGCCATACAGAATGGATTTTATTCTTC
 ACCGTACAGTATTGCAACCAACCGCATGATCCACAGACATCTATCACGCCATTCATTGC
 TGCTTCCCCTGTCTCCACATACCAGTCCAGAGTACTTCATGGATGCCTCATCCGCATA
 CGTTATGCAACCAACAGGTGCTGTGATTACACCAACCATGGACCATCCCATGTCAATGCA
 GCCAGCCAAACATGATGGGCCCACTGACACAGCAGATGAATCACCTTTCGTTGGGCACAAC
 AGGAACGATTCAATCCCAAGACAGGATTATGATACTCCACCAGCTGTTGTGTCAGTATAT
 GACTGCTGCTGCTCCTATGCAAGGGACCTACATTCCTCAGTACACGCTGTGCCTCCGAC
 AGCTGTTTCTATTGAAGGTGTTGTTGCTGATACCTCTCCCAGACAGTGGCACCTTCATC
 CCAGGACACCAGTGGTCAAGCAGCAACAGATAGCAGTGGACACATCCAACGAACATGCACC
 TGCATATTTCTTACCAACAGTCTAAACCATAAACAGGACTGAAGAATGTCTGTCTGAATCT
 TTGCCTTGAATGAAGAACTTCATTGAACAAGAAGTTGGCTTCCAGTTTGCACAGACGTC
 AATGGAATGCATTTTTTTGTTGTTGTTGTTTTTTTTTTAGTGTATACCTTACCCAA
 TGAAAGCAAAGTTTTTATGTGCTGTGCAAAATGGTCTTCATGTGGTCTGACAATTTATTTT
 TGCCATCATTTTTTAAATTAAGAAAAAATTTCCAGAAGAGGAAAAAAAACCTACAAAAA
 AAAAAACATTGAAGGTGATATTTTATGTGGAAGAACATTTGAATTGAATTCAGAATTTT
 TCTGAAGGTGATGATACTTTTTTTTTTTTTTAAACAGAAAACCTGATGTCAAGAGGTGGG
 CAATAGAAATGGAAACAAATGTCTTCTCAATAATTAAGCTACTTTCTTTTTTCCCTT
 CTTGTTTTAATCTAGTGGGTTTTTATTTTATTTTTTCTTAGAAATATGTAGGTAAGGTT
 TATCTTGAATCTTAATTGCCTTAATTTAAGGACGTCAAAGGCTCTCGAGGCAAGCTGTC
 AACGCTTTGTTGAAAACAAAAAACAAGAAAGAATTGAAATACTGTGCCGGCTTTCAGTGG
 CACAGAAGTTTAAGACTATGAGTTTTTAGGGTGAAGAAAAAAGTACAGTTTAAATGAA
 AATGTTTTTCTTCATTTGAAGAAAAATTTGTTGATAAACCATGGCAACTGCAAGAATTGGA
 AAAATGCTGGGACTTTTCATGAACTTTGTCTTAAGTGTGACATGAATCATTCTAAAAGG
 CTAAAACATTTTACAGTAAAGTTATTAAGGTTGGTTAAAAACAACCTGCATTAGAAATAA
 TGCGTGTTTGGGGGCAGAATGCAGATTTTTTAAATTTACAAAGCGTGATCGCTAGCAAA
 AGCATTAGTGCTTTTTATCTGCAGTCTTTTTATGAGCTTTACAAAGTTTTTATGTCAGCT
 TTGCTTGTACATTGCAAAACCTAGCTTAAGAGCATTAAAAAAAACCTAAGTAGATA
 GGAGCTTATGGTCAAAAAGTGCAAAAAAAAAMAAAAAA

Restriction Sites: Please inquire
ACCN: NM_001003793
Insert Size: 2800 bp

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:	<ol style="list-style-type: none">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:	<u>NM_001003793.1</u> , <u>NP_001003793.1</u>
RefSeq Size:	2817 bp
RefSeq ORF:	1314 bp
Locus ID:	27303
UniProt ID:	<u>Q6XE24</u>
Cytogenetics:	3p24.1
Gene Summary:	<p>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]</p> <p>Transcript Variant: This variant (1), also known as DD23-L, encodes the longest isoform (1).</p> <p>Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.</p>