

## Product datasheet for **SC200722**

### **RBMS3 (NM\_014483) Human 3' UTR Clone**

#### Product data:

Product Type:	3' UTR Clones
Product Name:	RBMS3 (NM_014483) Human 3' UTR Clone
Symbol:	RBMS3
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_014483
Insert Size:	135 bp
Insert Sequence:	<p>&gt;SC200722 3'UTR clone of NM_014483</p> <p>The sequence shown below is from the reference sequence of NM_014483. The complete sequence of this clone may contain minor differences, such as SNPs.</p> <p>Blue=Stop Codon Red=Cloning site</p> <p>GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGGCGGAAAGATCGCCGTG            TAACAATTGGCAGAGCTCAGAATTCAA<b>CGATCGCC</b>            CCTGCATATTCTTACCAACAGTCTAAG<b>TA</b>GTCTGGGCTGTGCTAAGCTCTTTCTCAAGATCAGCCA            TCTTGACATCACTCTCATGTTGTATGTGTTAGCTTTTGCTGAAATATAAACCATCCAACTTA  <b>ACGCGT</b>AAGCGGCCGCGCATCTAGATTCTGAAGAAATGACCGACCAAGCGACGCCAACCTGCCATCA            CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG</p>
Restriction Sites:	SgfI-MluI
OTI Disclaimer:	Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences , e.g., single nucleotide polymorphisms (SNPs).
Components:	The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.
RefSeq:	<u><a href="#">NM_014483.4</a></u>


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**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]

**Locus ID:**

27303

**MW:**

5.1