

## Product datasheet for **SC319215**

### **RBM17 (NM\_032905) Human Untagged Clone**

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** RBM17 (NM\_032905) Human Untagged Clone  
**Tag:** Tag Free  
**Symbol:** RBM17  
**Synonyms:** SPF45  
**Mammalian Cell Selection:** Neomycin  
**Vector:** pCMV6-AC (PS100020)  
**E. coli Selection:** Ampicillin (100 ug/mL)

**Fully Sequenced ORF:** >OriGene sequence for NM\_032905.3  
 GACTCAGCGAAGGGTGGGCGCCGCGAGCCTCCTGCCGCTGGCGGGTTCCGCGGAGTG  
 CCGCCCGGCTCCGCTCTGCCGCGGCGCGGCTCATGGGCAGAGTCGGCCGGGCGGCGCG  
 CATTAAACTGAAGAAAAGATGTCCCTGTACGATGACCTAGGAGTGAGACCAAGTACTCA  
 AAAACAGAAAGGCTGGTCCAAAACTTCAAACCTTCTGCAGTCTCAGCTTCAGGTGAAGAAG  
 GCAGCTCTCACTCAGGCAAAGAGCCAAAGGACGAAACAAAGTACAGTCTCGCCCGAGTC  
 ATTGACCTGAAGCGAGGTGGCTCCTCAGATGACCGGCAAATTGTGGACTCCACCGCAT  
 GTAGCAGTGGGCTGAAGGATCCTGTTCCAGTGGGTTTTCTGCAGGGAAAGTTCTGATT  
 CCCTTAGCTGACGAATATGACCCTATGTTTCTAATGATTATGAGAAAGTAGTGAAGCGC  
 CAAAGAGAGGAACGACAGAGACAGCGGGAGCTGAAAAGACAAAAGGAAATAGAAGAAAGG  
 GAAAAAAGGCGTAAAGACAGACATGAAGCAAGTGGGTTTTGCAAGGAGACCAGATCCAGAT  
 TCTGATGAAGATGAAGATTATGAGCGAGAGAGGAGGAAAAGAAGTATGGGCGGAGCTGCC  
 ATTGCCCCACCCACTTCTCTGGTAGAGAAAGACAAAGAGTTACCCCGAGATTTTCTTAT  
 GAAGAGGACTCAAGACCTCGATCACAGTCTTCAAAGCAGCCATTCTCCCCAGTGATC  
 GAGGAACAAGACAGACCGAGATCTCAAACCGACTAGCAACTCCTTCTCGTAACATG  
 GGGGACAGGTGGGCGACAAGATCATGCAGAAGTACGGCTTCCGGGAGGGCCAGGGTCTG  
 GGAAGCATGAGCAGGGCCTGAGCACTGCCTTGTGAGTGGAGAAGACCAGCAAGCGTGGC  
 GGCAAGATCATCGTGGGCGACGCCACAGAGAAAGATGCATCCAAGAAGTCAAGTCAAAT  
 CCGCTGACTGAAACTTAAGTGTCTACTAAAGTGGTCTTACTAAGGAACATGGTTGGT  
 CGGGGAGAGGTGGATGAAGACTTGAAGTTGAAACCAAGGAAGAATGTGAAAAATATGGC  
 AAAGTTGAAAAATGTGTGATATTTGAAATTCCTGGTGCCCTGATGATGAAGCAGTACGG  
 ATATTTTGTAGATTTGAGAGAGTTGAATCAGCAATTAAGCGGTTGTTGACTTGAATGGG  
 AGGTATTTTGGTGGACGGTGGTAAAAGCATGTTTCTACAATTTGGACAAATTCAGGGTC  
 TTGGATTTGGCAGAACAGTTTGTATTTAAGAACTAGAGCAGGATCATCTCCGGTGATC  
 CTAAATGAAGTGCAGGCTGAGAAAAGAAGGAAAAAGGTCACAGCCTCCATGGCTGTTGC  
 ATACCAAGACTCTTGAAGGACTTCTAAGATATATGTTGATTGATCCCTTTTTTATTTTG  
 TGGTTTTTAATATAGTATAAAAATCCTTTTAAAAAACAAAAAATTTTTTTTTT



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<b>Restriction Sites:</b>	Please inquire
<b>ACCN:</b>	NM_032905
<b>OTI Disclaimer:</b>	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).
<b>OTI Annotation:</b>	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.
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<a href="#">NM_032905.3</a> , <a href="#">NP_116294.1</a>
<b>RefSeq Size:</b>	2709 bp
<b>RefSeq ORF:</b>	1206 bp
<b>Locus ID:</b>	84991
<b>UniProt ID:</b>	<a href="#">Q96I25</a>
<b>Cytogenetics:</b>	10p15.1
<b>Domains:</b>	G-patch, RRM, RRM_1
<b>Protein Pathways:</b>	Spliceosome
<b>Gene Summary:</b>	<p>This gene encodes an RNA binding protein. The encoded protein is part of the spliceosome complex and functions in the second catalytic step of mRNA splicing. Alternatively spliced transcript variants have been described. Related pseudogenes exist on chromosomes 9 and 15. [provided by RefSeq, Mar 2009]</p> <p>Transcript Variant: This variant (1) represents the longer transcript. Both variants 1 and 2 encode the same protein. 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>