

## Product datasheet for **SC323783**

### **RBM22 (NM\_018047) Human Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	RBM22 (NM_018047) Human Untagged Clone
Tag:	Tag Free
Symbol:	RBM22
Synonyms:	Cwc2; fSAP47; ZC3H16
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC (PS100020)
E. coli Selection:	Ampicillin (100 ug/mL)



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**Fully Sequenced ORF:** >OriGene sequence for NM\_018047.1  
 GTGGCGGTCTCTCTCCCAATTCGGAAGCTACAGCTACCTCCGGACGCTCTCAAGATGGC  
 GACCTCTCTGGGTTCCAACACCTACAACAGGCAGAAGCTGGGAGGATGCGGACTTCCCAT  
 TCTGTGCCAGACATGTCTTGGAGAAAACCCATATATCCGAATGACCAAAGAAAAGTATGG  
 GAAGGAATGCAAAATCTGTGCCAGGCCATTACAGTGTTCGCTGGTGCCTGGAGTCCG  
 CATGCGTTTCAAGAAGACTGAAGTGTGCCAAACCTGCAGTAAATTGAAGAATGTCTGTCA  
 GACCTGCCTCTTAGACCTAGAGTATGGCCTGCCATCCAGTTTCGTGACGCAGGATTGTC  
 TTTTAAAGATGACATGCCAAAGTCAGATGTCAACAAAGAGTACTATACACAGAATATGGA  
 GAGAGAGATTTCTAACTCTGATGGAACACGGCCAGTTGGCATGCTGGGAAAGCCACATC  
 TACCAGTGACATGCTGCTCAAACCTGGCCCGGACCACCCCTACTACAAAAGGAATCGACC  
 CCACATTTGCTCCTTCTGGGTGAAAGGAGAGTGTAAAGAGAGGAGGAATGTCCATACAG  
 ACATGAGAAGCCTACAGATCCAGATGACCCCTTGTGATCAGAATATTAAGACCGTTA  
 TTACGGAATCAATGATCCTGTAGCTGACAAGCTTCTAAAGCGGGCTTCAACAATGCCTCG  
 GCTGGACCCACCAGAGGATAAACTATCACCACACTATATGTTGGTGGTCTAGGTGATAC  
 CATTACTGAGACAGATTTAAGAAATCATTCTACCAGTTCGGAGAGATCCGGACGATCAC  
 TGTGTGCAGAGACAGCAGTGTGCTTTCATCCAGTTTGCCACACGGCAGGCTGCAGAAGT  
 GGCTGCTGAGAAGTCCTTAATAAGTTGATTGTAATGGCCGCAGACTGAATGTGAAATG  
 GGAAGATCCCAGGCAGCCAGAGGAAAAGAAAAGAGAAAGATGGAACACAGACTCTGG  
 GATCAAACCTAGAACCTGTTCAGGATTGCCAGGAGCTCTTCTCCTCCTCCTGCAGCAGA  
 AGAAGAAGCCTCTGCCAACTACTTCAACTTGCCCCAAGTGGTCTCCAGCTGTGGTGAA  
 CATTGCTCTGCCACCGCCCCCTGGCATTGCTCCACCCCAACCCAGTTTTGGGCCACA  
 CATGTTCCACCAATGGGACCACCCCTCCTTTCATGCGGGCTCCAGGACCAATCCACTA  
 TCCTTCTCAGGACCCCTCAGAGGATGGGAGCTCATGCTGAAAACACAGCAGCCCTAGCA  
 CCTTGTCAACCACTCTGGGGCTCTGTGGAAGAAAGGGCACTTAAAACTCCCAGTAAATCTT  
 GGAATAAATATATTTTTCTTCCCTTGTAGTTTCCATGGTAGCTGAATGTGCTCAGATGT  
 GAGCAGTCAGAGACTGACAGCCATGCTTTCCTATACTTGTCAAAGGATCGATGGACCGT  
 AAATAAGCTGCCATTAACACATCTGTTACTGCTGTAACATGACTAATAAAACCGAACGC  
 CTGTTCCCTTACCCGTGGGGGACACGCAGATGAGTGAATTGGAATGTCCAGCAGAGT  
 TACCCTCCAATTATATGTTTATTTGTATTTTTTGGTCGGGGGAAAAATTGACCTGC  
 AGTAAAAAACCTTTGACCATTTTTATGTCCATTGGATACTTTCCTTTTTATCATCTTAA  
 AAAAGATAACTAGTACTAATCATTGTAGTGGCCTAAGTGTGATTTAACTCTTGAAGTCA  
 CACCCTCCGAAAGATGAGTAGAAACCAGCACCAGCACAGCCAGATCTTCTCTTCTCTCT  
 CCTTTTCTCATTATTCCTAAAGGAATCTGACCATTTTACGTCTCTACGGCCAAAAAAA  
 AGCAAAAATAAAAAATTCCTTTTTATTCTGTCAACTGGATGGAAACACAAATTTTCATGG  
 AGCTGTGTACCATCGAAGAAACCTGGTGTCTGGCATGAAATTAAGTAAAGAACTTCTG  
 TAAAACACGTTCTTTAACAACTGAAATGAAAAGCATTGGAGCGTCTGAATGAAAGACGT  
 GACCTCCTGCTGGGACTCTGATGGTCTTACGATTCACCTTCGTGTCTTCAGTGTCTC  
 ATTGTCATCCCTGCTTCTGTTTGGTCTTAGAGTGTGGATATAACTGAATGTAGATGG  
 TAAAGGAAATTTGATGTGTTTTTGTTTTTAAATAATTAACCGGGTCAATTTTTAAAAA  
 AAAAAAAAAA

**Restriction Sites:** ECoRI-NOT

**ACCN:** NM\_018047

**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).

<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_018047.1</a> , <a href="#">NP_060517.1</a>
<b>RefSeq Size:</b>	2297 bp
<b>RefSeq ORF:</b>	1263 bp
<b>Locus ID:</b>	55696
<b>UniProt ID:</b>	<a href="#">Q9NW64</a>
<b>Cytogenetics:</b>	5q33.1
<b>Domains:</b>	RRM, zf-CCCH
<b>Protein Pathways:</b>	Spliceosome
<b>Gene Summary:</b>	This gene encodes an RNA binding protein. The encoded protein may play a role in cell division and may be involved in pre-mRNA splicing. Related pseudogenes exist on chromosomes 6, 7, 9, 13, 16, 18, and X. [provided by RefSeq, Mar 2009]