

## Product datasheet for **SC320030**

### **RBM42 (NM\_024321) Human Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	RBM42 (NM_024321) Human Untagged Clone
Tag:	Tag Free
Symbol:	RBM42
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\_024321.3  
 GGGGAGAGTAGACAGCAGAAACCAGCGGGCGGCTAAGCAGAGACTGTAGTAGCGGCGAC  
 AGCGACGACGGCAGCGATGGCTGGGGCGGGGCCAGCCCCGGGACTCCCAGGTGCAGGAGG  
 ACCCGTGGTCCCAGGCTCTGGCGCTGGCATCCCCGGCAAAGCGGCGAGGAACGTTGAA  
 GGAATGGAGGCGGAGATGGCCCTGTTTGGAGCAGGAAGTCTGGGGGCTCCAGTACCTGG  
 AATCCCAACTGCTGTGCCTGCGGTGCCACTGTCCACGGTCCCACAGTAGAAGCGAT  
 GCAGGTCCCAGGGCTCCTGTGATCCGCCAATTATCGCGACCAACACATACCAGCAGT  
 CCAGCAGACTCTGGAGGCCGAGCAGCTGCTGCAGCCACAGTAGTTCCATCCCATGGTGGG  
 TGGCCCTCCTTTTGTAGGCCCTGTTGGCTTTGGCCCTGGTGTATCGGAGTACCTGGACAG  
 CCCAGAGGCTCGAGAAGCCATGTTCTCGCGCGGGCAGCTGTGGCCCCCAGAGGGCCCC  
 TATCTGCGTCCAGCCTTCGTCCCCACGTGCTACAGAGAGCAGATTCCGCTCTCTCCTC  
 TGCAGCAGCCGGCCCCGCCCTATGGCCCTACGGCCCCCTCACCAGGCCCTCGTGGGCC  
 CCCTCTGCCTGGGCCCTGGACCACCCATGATGCTGCCACCAATGGCTCGGGCTCCAGG  
 GCCCCCGTGGGCTCCATGGCTGCACTGAGGCCCTCTGGAAGAGCCAGCAGCACCCCCG  
 AGAGCTGGGCCTAGGCCCTGGGGTTGGCCCTGAAAGAGAAGGAAGGCAGTGGTGGCGGC  
 GCGCGCTGGGCTGGAGGAGGCTAGCGCGCTGTGGCCGTGGGGGCAAGAGGTGCCCCAGC  
 TGGCCCTGCAGTCATTGGGCCAGCCTGCCGCTGGCCCTGGCCATGCCATTGCCCGAGCC  
 TGAGCCCCTGCCCTCCCGTTGGAGTCTCGCGGCCTCCTGCCCCCGTGCAGATTCC  
 TGAACCTCTGTCCCTGCGTCTCGGCCCGGCCCTCGGCCAGAGCCACCCCCAGGCCCT  
 CATGGCTCTTGAGGTCCCAGAGCCCCTGGGTGAAGACAAGAAGAAGGGGAAGCCAGAGAA  
 ATTGAAACGGTGCATTTCGCACAGCGGCAGGAGCAGCTGGGAGGACCCAGCCTGCTGGA  
 GTGGGATGCAGATGACTTCCGGATCTTCTGTGGGATCTGGGCAATGAGGTGAACGATGA  
 CATCTTGGCACGGCCTTCAGCCGCTCCCATCCTTCTTAAGGCCAAGGTGATCCGTGA  
 CAAGCGCACAGGCAAGACCAAGGCTACGGCTTGTGAGCTTCAAGGACCCAGCGACTA  
 CGTGCGGCCATGCGTGAGATGAATGGGAAGTATGTGGGCTCGGCCCCATCAAGCTTCG  
 CAAGAGCATGTGGAAGGACCGGAATCTGGACGTGGTCCGCAAGAAGCAGAAGGAAAAGAA  
 GAAGCTGGGCCTGAGATAGGGTCTGTGGCCAGGCACCCGCTCCCACCTGGCCGGGCGCTG  
 GCTCCTCCCTCAGTTCTTTGGAAAACCCCGAGCTGTCCACCCATCCCCTGCCCAAAA  
 CCAGTTTCAATAAATTTACGTTTCAAAAAAAAAAAAAAAAAAAAAA

**Restriction Sites:** Please inquire

**ACCN:** NM\_024321

**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).

<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_024321.3</a> , <a href="#">NP_077297.2</a>
<b>RefSeq Size:</b>	1669 bp
<b>RefSeq ORF:</b>	1443 bp
<b>Locus ID:</b>	79171
<b>UniProt ID:</b>	<a href="#">Q9BTD8</a>
<b>Cytogenetics:</b>	19q13.12
<b>Domains:</b>	RRM
<b>Gene Summary:</b>	<p>Binds (via the RRM domain) to the 3'-untranslated region (UTR) of CDKN1A mRNA. [UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (1) represents the longer transcript and encodes the longer isoform (1).</p>