

Product datasheet for **SC321399**

RBM4B (NM_031492) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	RBM4B (NM_031492) Human Untagged Clone
Tag:	Tag Free
Symbol:	RBM4B
Synonyms:	RBM4L; RBM30; ZCCHC15; ZCCHC21B; ZCRB3B
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_031492.2
 CTCTCTGACGTGGGAGCCGCCGTCGCTGCCGCCACCCGGAGGCTCTTGTGTCAGGATGGTGA
 AGCTGTTTCATCGGAAACCTTCCCGGGAGGCTACAGAGCAGGAGATTGCTCACTCTTCG
 AGCAGTATGGGAAGGTGCTGGAATGTGACATCATTAAAGATTACGGCTTTGTGCACATAG
 AAGACAAGACGGCAGCTGAGGATGCCATACGCAACCTGCACCATTACAAGCTTCATGGGG
 TGAACATCAACGTGGAAGCCAGCAAGAATAAGAGCAAAGCTTCAACCAAGTTACACGTGG
 GTAACATCAGCCCCACTTGTACCAACCAAGAGCTTCGAGCCAAGTTTGAGGAGTATGGTC
 CGGTCATCGAATGTGACATCGTGAAAGATTATGCCTTCGTACACATGGAGCGGGCAGAGG
 ATGCAGTGGAGGCCATCAGGGGCCCTTGACAACACAGAGTTTCAAGGCAAAAGAATGCATG
 TGCAGTTGTCCACAAGCCGGCTTCGGAAGTCCCTGATGGGAGACCAGAGTGGCTGCT
 ATCGGTGTGGGAAAGAAGGGCACTGGTCCAAAGAGTGGCAGTAGATCGTACGGGTCGTG
 TGGCAGACTTTACTGAGCAGTATAATGAACAATATGGAGCAGTTCGAACACCTTACACCA
 TGGGCTACGGGAATCCATGTATTACAACGATGCATATGGAGCACTCGACTACTATAAGC
 GATACCGGGTCCGCTCTTATGAGGCAGTAGCAGCGGCGGAGCGGCTTCTGCATACAACT
 ACGCAGAGCAGACCATGTCCCATCTGCCCTCAAGTCCAAAGCACAAGTGTACCAGCCACC
 TCAACTCTACTTCTGTTGATCCCTATGACAGACACCTATTGCCAAACTCTGGCGCTGCTG
 CCACTTCAGCTGCTATGGCTGCTGCTGCAGCCACCACTTCCTCCTACTATGGAAGGGACA
 GGAGCCCACTGCGTCGTGCTGCAGCCATGCTCCCAACAGTTGGAGAGGGCTACGGTTATG
 GGCCAGAGAGTGAATTATCTCAGGCTTCCGCAGCTACACGGAATTCTCTGTATGACATGG
 CCCGGTATGAACGGGAGCAGTATGTGGACCGAGCCCGGTACTCAGCCTTTTAAAACTGG
 AGGTAGGATAATTGCGGACTGAACCCCTCGGGCTGCGGTGCATATATGAGAACTTGCTCCGC
 GCGGTCCCCTTTGCCGGGATGTTTCCATTGCTTCATGTTTCAGTAAACAAAAGGAGTTTG
 TGACCAACTATGTTTTCTTTCTTAATTCTTCTAAGTTGACTTTTCTTCTCCTGAAACT
 AGTCTCTGTAGCCTTTCACTCTGTTTCTTATATTCTCAGCCTCTGAGCAGCCCTAGGTAA
 GGATTATGCTGGCATCCCTTTTCTGTGTCAGTGAACCCCTCTTATCTGCTTTCCCT
 AGGAGTTGAATCCTTCTCCCTGCCTACCTGCAGCATCTCCTTTCCCTTTAAATGACCAT
 GTAGTGGCAAGCAGCCTTTACTCTTCTGTAGCTCTGGACTCTTAACACTTAAGTTACT
 CTTCTGAAATTGCTAGGACCATGGGGGTTTTGTTGTTTTGTTGTTTTTATGTCCGAC
 CTGTGATCGTGGTACAGCATTAGCTGAAATTTACCCTGTTTTACTCCACTCCTCCCTTT
 TTTAAAAAATTTTTGACAAATAAATGTTTCTAACACTTAAAAAAAAAAAAAAAAAAAAA
 AA
 AAAAAAAAAAAAAACCCGGG

Restriction Sites: Please inquire

ACCN: NM_031492

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:	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_031492.2, NP_113680.1</u>
RefSeq Size:	1814 bp
RefSeq ORF:	1080 bp
Locus ID:	83759
UniProt ID:	<u>Q9BQ04</u>
Cytogenetics:	11q13.2
Domains:	RRM, zf-CCHC
Gene Summary:	Required for the translational activation of PER1 mRNA in response to circadian clock. Binds directly to the 3' UTR of the PER1 mRNA (By similarity).[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (1) represents the longer transcript and encodes the longer isoform (1).