

Product datasheet for **SC214978**

RBM38 (NM_017495) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	RBM38 (NM_017495) Human 3' UTR Clone
Symbol:	RBM38
Synonyms:	dj800j21.2; HSRNASEB; RNPC1; SEB4B; SEB4D
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_017495
Insert Size:	1517 bp



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Insert Sequence:	<p>>SC214978 3'UTR clone of NM_017495</p> <p>The sequence shown below is from the reference sequence of NM_017495. The complete sequence of this clone may contain minor differences, such as SNPs.</p> <p>Blue=Stop Codon Red=Cloning site</p> <p>GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGGCGGAAAGATCGCCGTG TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC CCGCAGCTGCAGCCTGACAGGATGCAGTAGGGGGCTTCCTGCCCGAGGACTGTGGCATTGTACCTT CACAGCAGACAGAGCTGCCAGGCCATGATGGGCTGGCGACAGCCGGCTGAGCTTCAGTGAGGTGCCAC CAGCACCCGTGCCTCCGAAGACCGCTCGGGCATTCCGCCTGCGCCCTGGGACAGCGGAGAGACGGCTTC TCTTTAATCTAGGTCCCATTGTGTCTTGAGGGAGGACTTTAAGAATGACTGAGAACTATTTAAAGACGC AATCCCAGGTTCTTGACACCATGGCAGCCTCTCCTTGACCTTCTCCTGCCTCTCCACACTCCAGGT TCCCTCAGGCTTGTGTCCCACTGCTGCATCGTGGCGGGTGTACAGACCCTCTGCAGCCCTGGCTG CCCTGGACTGTGCAGAGATGCCTGACTCCAGGGAACCTGAAAGCAAGAAGTTAATGGAGTGTATTG TAACCTGATCCTCCCGAGCTGTGAGCGCAGTCTGAGGTGTGAGGACACGGCCTCCTGTTGGAGTCCCAT TTTCTCCATCAGGGCACGTGGGCGGCTTCTCAAGCCCGAGGAGCTCCAGGCGACAGGGGCCCGCG GTAACAGGGGCCCGGCCAAAGGCCCTTTCCAGTCATAGCACTGAAGTTGCAACTTTTTTCTGTAA TTGTTTTGCTACTAAGATAATTTCAAGATTAGTCTATTTTTTTCAGCGGATACTGCCGCCACCAAGAA TCCAAACCTATTTTTGACTTGGAGAGACTTGCTTTTGTGGTTCGCCCGTGGAGACGACGATAGTGT TTCTGTATAATAAAGTGTCTGCCGGCTCGCGGGCCAGGATCCTCTCGGTGGGATGGGCACACAGACAG GAGGCCCTCAGGCCGTGCGGGCCACTGTCTGCTGCCGCTGCCGGGTGGCAGAGTGAAGTGTCTCA GGACCCCGTCACTGCGACGTTGACACTCCTCTCCCTTCCCTTCCCTCCCAACTCCCCAACACTGTGGA AGGGGAGAAGGAAGTATCCACAGCATTAGGCCACTTGGGGTCTAGACCATGGTGGTGCAGCCTGGG GGGGCAGTGGCCCTCAGCTCTGCCCGCTGGAGCGGTTGAGTGCAGAAGGGTGGCCTCTTCCCTCTAC CCCCGACACCTGCTGTGTGCCAGCCTGAGACGTTCTGCTGTCTTGGGGTGGTGGAGGGTGGGA GGCAGTTCTGCCAGCGTGGCAGGGCTGCTATGGGGCATCCAGGGCTGTGGGGTCTGGAGGAGGGGAC ATGAGGTGAGAGGTATCCTGGCCGAGGGCGGGGGCAGCGGGGGTCTCCCTCCGACCTACCTCAGGG AGCTGAGCGTGCAGGCGCTCCAGGGCAGGCCTGGGACAGAGTCAAGGCTCAGAGAATAAAGGTAGCTAA TCTCATCATAATTTTTATTAGAATGTTCTGATGATAAAATAAACTGTTTTCTTTAAAGAAAA ACGCGTAAGCGCCGCGCATCTAGATTCAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG</p>
Restriction Sites:	Sgfl-MluI
OTI Disclaimer:	<p>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).</p>
Components:	<p>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.</p>
RefSeq:	<u>NM_017495.6</u>

Summary:	RNA-binding protein that specifically bind the 3' UTR of CDKN1A transcripts, leading to maintain the stability of CDKN1A transcripts, thereby acting as a mediator of the p53/TP53 family to regulate CDKN1A. CDKN1A is a cyclin-dependent kinase inhibitor transcriptionally regulated by the p53/TP53 family to induce cell cycle arrest. Isoform 1, but not isoform 2, has the ability to induce cell cycle arrest in G1 and maintain the stability of CDKN1A transcripts induced by p53/TP53. Also acts as a mRNA splicing factor. Specifically regulates the expression of FGFR2-IIIb, an epithelial cell-specific isoform of FGFR2. Plays a role in myogenic differentiation.[UniProtKB/Swiss-Prot Function]
Locus ID:	55544
MW:	55