

Product datasheet for **SC216523**

RBM38 (NM_183425) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	RBM38 (NM_183425) Human 3' UTR Clone
Symbol:	RBM38
Synonyms:	dj800j21.2; HSRNASEB; RNPC1; SEB4B; SEB4D
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_183425
Insert Size:	1816 bp



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Insert Sequence:	>SC216523 3'UTR clone of NM_183425 The sequence shown below is from the reference sequence of NM_183425. The complete sequence of this clone may contain minor differences, such as SNPs. Blue=Stop Codon Red=Cloning site GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGGCGGAAAGATCGCCGTG TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC GCCAAGCCGCGGAGCCTCCAGACGGGCTGACCCCGCACTACATCTACCCACCAGCCATCGTGCAGCCCA GCGTGGTGATCCAGCCGCCCTGTCCCGTCGCTGTCTCGCCCTACATTGAGTACACGCCGGCCAGCC CGGCCTACGCCAGTACCCACCGGCCACCTATGACCAGTACCCATACGCCGCTCGCCTGCCACGGCTG CCAGCTTCGTGGGCTACAGCTACCCTGCCGCGTGCAGGAGGCTCTCAGCCGAGCAGCCCGGGCA CCACTTTCGTGCAGTACCAGGCGCCGAGCTGCAGCCTGACAGGATGCAGTGAGGGGCGTTCCTGCCCC GAGGACTGTGGCATTGTACCTTCACAGCAGACAGAGCTGCCAGGCCATGATGGGCTGGCGACAGCCCG GCTGAGCTTCAGTGAGGTGCCACCAGCAGCCGTCCTCCGAAGACCGCTCGGGCATTCCGCTGCGCCC TGGGACAGCGGAGAGACGGCTTCTTTAATCTAGGTCCATTGTGTCTTGAGGGAGGACTTTAAGAAT GACTGAGAACTATTTAAAGACGCAATCCAGGTTCTTGACACCATGGCAGCCTCTCCTTGACACCTTC TCTGCTCTCCACACTCCAGGTTCCCTCAGGCTTGTGTCCCACTGCTGCATCGTGGCGGGGTGTAC AGACCCTCTGCAGCCCTGGCTGCCCTGGACTGTGCAGAGATGCCTGACTCCAGGGAAACCTGAAAGCA AGAAGTTAATGGACTGTTTATTGTAACCTGATCCTCCCGAGCTGTGAGCGCAGTCTGAGGTGTGAGGAC ACGGCCTCCTGTTGGAGTCCCATTTTCTCCATCAGGGCACGTGGGCGGCTTCTCAAGCCCGGAGGAGC TCCCAGGCGCACAGGGGCCCGCGTAACAGGGGCCCGGCCAAAGGCCCTTTCCAGTCATAGCACTG AAGTTGCAACTTTTTTCTTGTAAATTGTTTGTCTACTAAGATAATTCAGAAGTTCAGTCTATTTTTTCA GCGGACTGCGCCACCAAGAATCCAAACCTATTTTGAAGTGGAGAGACTTGCTTTTGTGGTTCC GCCCCTGGAGACGACGATAGTGTCTGTATAATAAAGTGTCTGCCGGCTCGCGGGCCAGGATCCTCTC GGTGGGATGGGACACAGACAGAGAGGCCCTCAGGCCCGTGGGCGCACTGTCTGCTGCGCCTGCCG GGGTGGCAGAGTGAGTTGTCTCAGGACCCCGTCACTGCGACGTTGACACTCCTCTCCCTTCCCTTCTC CCCAACTCCCAAACTGTGGAAGGGGAGAAGGAAGTATCCACAGCATTACAGGCCACTTGGGGTCTA GACCATGGTGGTGCCAGCCTGGGGGGGAGTGGCCCTCAGCTCTGCCGCTGGAGCGGTTGAGTGCAG AAGGTGCGCCTTCTCCCTACCCCGCACCACTGCTGTGTGCCAGCCTGAGACGTTCTGCTGT CTTGGGGGTTGGTGGAGGTGGAGGCAGTTCTGCCAGCCGTGGCAGGGCTGCTATGGGGCATCCAGGGC TGTGGGGTCTGGAGAGGGGACATGAGGTGAGAGGTATCTGGCCGAGGGCGGGGGCAGCGGGGGT CTCCCTCCGACCTACCTCAGGGAGCTGAGCGTGACGGCTCCAGGGCAGGCCTGGGACAGAGTCAAG GCTCAGAGAATAAAGGTAGCTAATCTCATCATAATATTTTATTAGAATGTTCTGATGATAAAAAATAA ACTTGTCTTTTAAAGAAAAA ACGCGTAAGCGGCCGCGCATCTAGATTGAAGAAATGACCGACCAAGCGACGCCAACCTGCCATCA CGAGATTCGATTCCACCGCGCCTTCTATGAAAGG
Restriction Sites:	Sgfl-MluI
OTI Disclaimer:	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).
Components:	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.
RefSeq:	<u>NM_183425.3</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:	64.7