

Product datasheet for SC113736

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:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene ORF within SC113736 sequence for NM_018047 edited (data generated by NextGen Sequencing)

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ATGGCGACTCTCTGGGTTCCAACACCTACAACAGGCAGAAGCTGGGAGGATGCGGACTTC
CCCATTCTGTGCCAGACATGTCTTGGAGAAAACCCATATATCCGAATGACCAAAGAAAAG
TATGGGAAGGAATGCAAAATCTGTGCCAGGCCATTACAGTGTTCGCTGGTGCCTGGA
GTCCGCATGCGTTTCAAGAAGACTGAAGTGTGCCAAACCTGCAGTAAATTGAAGAATGTC
TGTCAGACCTGCCTTTAGACCTAGAGTATGGCCTGCCATCCAGGTTCTGTGACGCAGGA
TTGTCTTTTAAAGATGACATGCCAAAGTCAGATGTCAACAAGAGTACTATACACAGAAT
ATGGAGAGAGAGATTTCTAACTCTGATGGAACACGGCCAGTTGGCATGCTGGGAAAAGCC
ACATCTACCAGTGACATGCTGCTCAAACCTGGCCCGGACCACCCCTACTACAAAAGGAAT
CGACCCACATTTGCTCCTTCTGGGTGAAAGGAGAGTGTAAAGAGAGGAGGAATGTCCA
TACAGACATGAGAAGCCTACAGATCCAGATGACCCCTTGCTGATCAGAAATTTAAAGAC
CGTTATTACGGAATCAATGATCCTGTAGCTGACAAGCTTCTAAAGCGGGCTTCAACAATG
CCTCGGCTGGACCACCAGAGGATAAACTATCACCACACTATATGTTGGTGGTCTAGGT
GATACCATTACTGAGACAGATTTAAGAAATCATTTCTACCAGTTCGGAGAGATCCGGACG
ATCACTGTTGTGCAGAGACAGCAGTGTGCTTTCATCCAGTTTGCCACACGGCAGGCTGCA
GAAGTGGCTGCTGAGAAGTCCTTTAATAAGTTGATTGTAATGGCCGAGACTGAATGTG
AAATGGGAAGATCCCAGGCAGCCAGAGGAAAAGAAAAGAGAAAGATGGAACACTACAGAC
TCTGGGATCAAACCTAGAACCTGTTCCAGGATTGCCAGGAGCTCTTCTCCTCCTCCTGCA
GCAGAAGAAGAAGCCTCTGCCAACTACTTCAACTTGCCCCAAGTGGTCTCCAGCTGTG
GTGAACATTGCTCTGCCACCGCCCTGCGATTGCTCCACCCCAAGGTTTGGG
CCACACATGTTCCACCAATGGGACCACCCCTCCTTTTATGCGGGCTCCAGGACCAATC
CACTATCCTTCTCAGGACCCTCAGAGGATGGGAGCTCATGCTGGAAAACACAGCAGCCCC
TAG

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Clone variation with respect to NM_018047.2



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5' Read Nucleotide Sequence:	<p>>OriGene 5' read for NM_018047 unedited</p> <pre>TTCAGGATTTGTAATACGACTCACTATAGGGCGGCCCGCGATTCCGGCACGAGGCCCAATT CGGAAGCTACAGCTACCTCCGGACGCTCTCAANATGGCGACCTCTCTGGGTTCCAACACC TACAACAGGCAGAACTGGGAGGATGCGGACTTCCCCATTTCTGTGCCAGACATGTCTTGA GAAAACCCATATATCCGAATGACCAAAGAAAAGTATGGGAAGGAATGCAAAATCTGTGCC AGGCCATTACAGTGTTCGCTGGTGCCTGGAGTCCGCATGCGTTTCAAGAAGACTGAA GTGTGCCAAACCTGCAGTAAATTGAAGAATGTCTGTGACAGCTGCCTCTTAGACCTAGAG TATGGCCTGCCATCCAGGTTCTGTGACGAGGATTGTCTTTTAAAGATGACATGCCAAAG TCAGATGTCAACAAGAGTACTATACACAGAATATGGAGAGAGAGATTTCTAACTCTGAT GGAACACGGCCAGTTGGCATGCTGGGAAAGCCACATCTACCAGTGACATGCTGCTCAA CTGGCCCCGGACCACCCCTACTACAAAAGGAATCGACCCACATTTGCTCCTTCTGGGTG AAAGGAGAGTGTAAAGAGAGGAGGAATGTCCATACAGACATGAGAAGCCTACAGATCCA GATGACCCCTTGTGATCAGAAATTAAGACCGTTATTACCGAATCAATGATCCTGTA GCTGACAAGCTTCTAAAGCGGGTCAACAATGCCTCGGCTGGACCCCGGAGGATAAAC TATCACCACTATATGTTGGTGGGCTTAGTGATACCATTACTGAGACAGATTTAAGACA TCATCTTACCAGTTCGAAAGATCCGGACCATCACTGTTGGGCAAGACAGCAGTGTGC TTTCATCACTTTGCCACCCGAAGCTTGAG</pre>
3' Read Nucleotide Sequence:	<p>>OriGene 3' read for NM_018047 unedited</p> <pre>CGCGGCCCAATCTAGNATCGAGTTTTTTTTTTTTTTTTTTTTGAAAAATGACCCGTTTTAA TTATTTAAAAACAAAAACACATCAAATTTCTTTACCATCTACAATTCAGTTATATCCA AACACTTAAGACCAAACAGAAGCAGGGATGACAATGAGACACTGAAGACACACGAAGGT GAATGCTGAAGACCATCAGAGTCCAGCAGGAGTACAGTCTTTTATTTCAGACGCTCCAA TGCTTTTCATTTAGTTTGTAAAGAACGTGTTTACAGGAAGTTCTTTACCAGTAATTT CATGCCAGACACCAGTTTCTTCGATGGTACACAGCTCCATGAAATTTGTGTTTCCATCC AGTTGACAGGAATAAAAAGGAATCTTTATTTTTGTCTTTTTTTGGGCCGTAGAGACGTAA AATGGGCAGATTCCTTTAGGAATAAATGAGGAAAAGGACAGGAAAAGAGAAGATCTGGGCT GCGCTGGCGCTGGTCTCTACTTATCTTTCCGAGGGGGGACTCCAAGAGCCACACCTACT CAGGCCACTTCCCTGCACCCCTCTCCCCCTATTCTTCCACATCATATTTCCGACACTT CCTTTGACACACTCCCGGCCCCCGGCACCTCCCTCTGTCTCATCTATGGTTTCCCAA CCCCCCCACCCCGCTCCACACCTTAACATCCTGCGCCCTCCCGCCCGCCCGCTCCT CGTCGATTCATCGTGTTCCTCCCTACCGTCACGATTATTACGCGTAGTCCCTACCG CCCTCCGCTGCCCTTCCCTCTGTTTCTATCGTTCCTTCCCGCCGCTCCTCGTCTTTCCACA TCTTCTCCATGGCATTATCCACACCTAGGCTCCTCTAACTCCTCTTGGAATGTCGT TAAAGTATCGCGCTTTCCCGGACAGAGACTCCACATGCGTT</pre>
Restriction Sites:	ECORI-NOT
ACCN:	NM_018047
Insert Size:	2390 bp
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).
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: [NM_018047.1](#), [NP_060517.1](#)

RefSeq Size: 2297 bp

RefSeq ORF: 1263 bp

Locus ID: 55696

UniProt ID: [Q9NW64](#)

Cytogenetics: 5q33.1

Domains: RRM, zf-CCCH

Protein Pathways: Spliceosome

Gene Summary: 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]