

Product datasheet for **SC320200**

RBM23 (NM_018107) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	RBM23 (NM_018107) Human Untagged Clone
Tag:	Tag Free
Symbol:	RBM23
Synonyms:	CAPERbeta; PP239; RNPC4
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_018107.4
 GTTTCTGGAAGACGGCAGAGCTGCCGCCATTTTGCGGGAAGAGGAGGCGCTGTACCTGCA
 GTGCTGCTTTTCTTGCTAGACTCTAGGAACTATCCGAGCTCCACTCCCCACAACATACT
 CAAAGGAACGGAGAGAACCGGGACCCCTGCGGGGACCCGGAAGTATCTGACAGGATG
 GCATCTGATGACTTTGACATAGTGATTGAGGCCATGCTGGAAGCTCCCTATAAAAAAGAA
 GAGGATGAGCAACAAAGGAAAGAAAGTAAAAAGGATTATCCTAGCAATACCACCAGCAGC
 ACCAGCAACAGTGGCAATGAGACCAGTGGAAAGCAGCACCATCGGGGAGACAAGCAATCGT
 AGTCGAGATCGGGATCGGTATAGACGGAGAAATAGTCGGAGCCGAAGTCCAGGTCGGCAG
 TGTCTGACCGTAGCCGTAGCTGGGATCGTCGACATGGTAGTGAGTCGCGAAGTCGGGAC
 CATCGTCGTGAGGATCGTGTGCATTACAGGAGTCTCCACTTGCCACTGGTTATAGATAT
 GGACACAGTAAGAGTCTCATTTTACAGAGAGAAGAGCCAGTCAGGGAGCCAGTTGATAAT
 CTGAGTCTGAGGAGCGTATGCCCGCACAGTTTTCTGTATGCAGTTAGCTGCCGAATT
 CGGCCTCGAGATCTGGAGGACTTTTTCTCTGCTGTAGGCAAGGTCGCGATGTACGTATC
 ATTTTCTGATCGGAACCTACGTCGTTCTAAGGGCATTGCCTACGTGGAATTCTGTGAAATC
 CAGTCTGTGCCACTGGCCATTGGGCTGACTGGGCAGCGGTTGCTGGGAGTGCCTATCATT
 GTACAGGCTTACAGGCAGAGAAAAACCGACTGGCAGCCATGGCCAACAACCTGCAAAAG
 GGCAATGGTGGACCAATGCGCCTCTATGTGGGTTCCCTGCACTTCAATATCACTGAAGAC
 ATGCTCCGGGGCATCTTTGAGCCCTTTGGTAAATTTGATAATATTGTCTGATGAAGGAC
 TCAGATACAGGCCGCTCTAAAGGTTATGGTTTCATCACGTTCTCTGATTCTGAGTGTGCC
 CGGCGGGCCCTGGAACAGTTGAATGGGTTTGGCTTGTGGTTCGACCTATGAGGGTTGGC
 CATGTGACTGAGCGACTGGATGGTGGCACAGACATCACTTTTCTGATGGGGACCAGGAG
 CTGGATCTGGGATCAGCAGGTGGACGTTTTCTGCTCATGGCAAACTGGCAGAAGGCGCT
 GGAATCCAACCTGCAAGCACTGCTGCTGCTGCTGCCGCCGCCGCCGCCAGGCTGCT
 GCCTTGCAACTGAATGGAGCAGTTCCCTTGGGGGCCCTGAATCCAGCAGCTCTGACTGCT
 CTGAGTCCAGCCCTGAACCTTGCCTCCAGTGTTTCCAGCTCTCCAGCCTCTTTACCCCC
 CAGACCATGTAAATCAGTGGCACAGTATACTGCCTCCTTGTGCCTCTGGATCCTGCCACT
 TCACATCTACTCTTCCATGGCCCCATTTCTCCATTTTGTGGACCAAGCCATCCTGAGGGC
 ATGGACATTGTCTCTGAGGAAATGGGGCCACCCTTAAGATACCAAGAAAAGCTCCTGCC
 CATGGTCCCACTGGAAATGGACTCTGCTGAGCAAAGCCACCAGTTGAAGAGAACAGAATC
 CACACCTGCATTGAATACCTGTTTCTCCATGTGTATCGTCTCTGAGATTACCTTCTTGCC
 CTTTCCAACACCTTAGTGATTCTCAATTTCTCCCCATTGGGAAGGCCATAGGGCATT
 ACTGAAGGAACTGACCTCTCTCCTTTCTCTGTACCTTTAACCTTTAGTCTGTCAAGGAAA
 ACCCTTAGGACCTCTGAATCAAGAGGACTGAGTTTGTGGGTGAACCTTGAAGGTGCTCTT
 TCTGCTACAAGGGCCCTGGGAGATAGCATGGACGTGCATTGAGAAGCCAGCCTCAGACCT
 TAGCTTGAAGCAGCTTGAAGGCCAGACCTACTGTAGCCTCAGCATCTTGCTAGGAGGCATG
 GAAGTGATCTATCCTGCCAGGAGGCTCAGAGTGATCTGTCTGCCAGGAGGTGTGAGAG
 TGATCTGTCTGTGAGGCATTTAGGGGCTTTAGGAATTTAGTAAAAGGTGGAGTATGCC
 TTTCCAGTATCTTCCATCTTCTTTGTATACTTGTCTTCTCCATTTCTCCCTTTGG
 CCCGAGGTAGGAGGATGGAGGGAGGCTGCTACTCTACCACTTCTGTGTGCCTCTACTGT
 GGCTCAACCCTGGCAATTATAGTACTCCCATCCCTTACCTGGGCATGTGTGAGCCCTT
 CTCACTGGATTTTATACCTTGTGTCTGTGTACATAAATATATATACATATATATATACA
 TAAAACTTTGTACAAAAA

Restriction Sites: Please inquire

ACCN: NM_018107

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_018107.4</u> , <u>NP_060577.3</u>
RefSeq Size:	2576 bp
RefSeq ORF:	1272 bp
Locus ID:	55147
UniProt ID:	<u>Q86U06</u>
Cytogenetics:	14q11.2
Domains:	RRM
Gene Summary:	This gene encodes a member of the U2AF-like family of RNA binding proteins. This protein interacts with some steroid nuclear receptors, localizes to the promoter of a steroid-responsive gene, and increases transcription of steroid-responsive transcriptional reporters in a hormone-dependent manner. It is also implicated in the steroid receptor-dependent regulation of alternative splicing. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jul 2008] Transcript Variant: This variant (2) lacks an alternate in-frame exon, compared to variant 1. The resulting protein (isoform 2) is shorter than isoform 1.