

Product datasheet for SC315548

RBM23 (NM_001077352) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	RBM23 (NM_001077352) Human Untagged Clone
Tag:	Tag Free
Symbol:	RBM23
Synonyms:	CAPERbeta; PP239; RNPC4
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC315548 representing NM_001077352. Blue=Insert sequence Red=Cloning site Green=Tag(s)

GCTCGTTTAGTGAACCGTCAGAATTTTGAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTG
 GATCCGGTACCGAGGAGATCTGCCGCC**CGATCGCC**
 ATGGCATCTGATGACTTTGACATAGTGATTGAGGCCATGCTGGAAGCTCCCTATAAAAAAGAAGAGGAT
 GAGCAACAAAGGAAGAAGTTAAAAAGGATTATCCTAGCAATACCACCAGCAGCACCAGCAACAGTGCC
 AATGAGACCAAGTGAAGCAGCACCATCGGGGAGACAAGCAATCGTAGTCGAGATCGGGATCGGTATAGA
 CGGAGAAATAGTCGGAGCCGAAGTCCAGGTCGGCAGTGTCTGACCGTAGCCGTAGCTGGGATCGTCGA
 CATGGTAGTGAGTCGCGAAGTCGGGACCATCGTCGTGAGGATCGTGTGCATTACAGGAGTCCTCCACTT
 GCCACTGGGGAGCCAGTTGATAATCTGAGTCCTGAGGAGCGTGATGCCCGCACAGTTTTCTGTATGCAG
 TTAGCTGCCCCGAATTCGGCCTCGAGATCTGGAGGACTTTTTCTCTGCTGTAGGCAAGGTTTCGCGATGTA
 CGTATCATCTCAGATCGGAACACGTCGTTCTAAGGGCATTGCCTACGTGGAATTCGTGAAATCCAG
 TCTGTGCCACTGGCCATTGGGCTGACTGGGCAGCGGTTGCTGGGAGTGCCTATCATTGTACAGGCTTCA
 CAGGCAGAGAAAAACCGACTGGCAGCCATGGCCAAACCTGCAAAAGGGCAATGGTGGACCAATGCGC
 CTCTATGTGGGTTCCCTGCACTTCAATCACTGAAGACATGCTCCGGGGCATCTTTGAGCCCTTTGGT
 AAAATTGATAATATTGCTCTGATGAAGGACTCAGATACAGGCCGCTCTAAAGGTTATGGTTTCATCAG
 TTCTCTGATTCTGAGTGTGCCGGCGGGCCCTGGAACAGTTGAATGGGTTTGAGCTTGCTGGTTCGACCT
 ATGAGGGTTGGCCATGTGACTGAGCGACTGGATGGTGGCAGACATCACTTTTCCTGATGGGGACCAG
 GAGCTGGATCTGGGATCAGCAGGTGGACGTTTTACGCTCATGGCAAACTGGCAGAAGGCCCTGGAATC
 CAACTGCCAAGCACTGCTGCTGCTGCTGCTGCCGCCGCCGCCAGGCTGCTGCCTTGCAACTGAATGGA
 GCAGTTCCTTGGGGGCCCTGAATCCAGCAGCTCTGACTGCTCTGAGTCCAGCCCTGAACCTTGCTCC
 CAGTGTTCAGCTCTCCAGCCTCTTACCCCCAGACCATG**TA**
ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
 TACAAGGATGACGACGATAAGGTTTAAACGGCCGCGC

Restriction Sites: SgfI-MluI


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ACCN:	NM_001077352
Insert Size:	1218 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).
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_001077352.1</u>
RefSeq Size:	2522 bp
RefSeq ORF:	1218 bp
Locus ID:	55147
UniProt ID:	<u>Q86U06</u>
Cytogenetics:	14q11.2
MW:	44.5 kDa
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 (3) lacks two alternate in-frame exons, compared to variant 1. The resulting protein (isoform 3) is shorter than isoform 1.