

Product datasheet for **SC123265**

RBMY1F (NM_152585) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	RBMY1F (NM_152585) Human Untagged Clone
Tag:	Tag Free
Symbol:	RBMY1F
Synonyms:	YRRM2
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >OriGene sequence for NM_152585 edited
 AGCTCCAGCTGTCCCTCCCGCAGTTGGCCCTGTGGTGTCCGAAGCCGGTTACGTACGGC
 CTGAGGGCCAGGCGAACCTCAGGCTCTTTGTCCTACTAAAAAGCGCAGCACAAATGGTAGA
 AGCAGATCATCTGGCAAGCTTTTCATTGGTGGCCTCAATAGAGAAAACCAATGAGAAGAT
 GCTTAAAGCAGTATTTGGGAAACATGGTCCCATATCAGAAGTTCTTTTGATAAAGGATCG
 AACCAGCAAATCCAGAGGCTTTGCATTTATTACTTTTGAGAACCCTGCAGATGCTAAGAA
 TGCTGCGAAAGATATGAATGGAACGTCTTGCATGGAAAAGCAATAAAAGTAGAACAAGC
 CAAGAAAACCATCTTTTCAAAGTGGTGGTAGGCGGAGACCACAGCTTCTTCGAGAAAACAG
 AAGCCCTTCAGGAAGTCTGAGATCTGCAAGAGGAAGCAGTGGAGGAACAAGAGGGTGGCT
 TCCCTCACATGAAGGGCACCTGGATGATGGTGGATACACTCCTGATCTCAAGATGAGTTA
 TTCTAGGGGACTCATTCCAGTTAAAAGAGGTCCATCTTCAAGAAGTGGAGGTCTCCTCC
 GAAAAATCTGCTCCTTCTGCTGTGGCAAGAAGCAATAGTTGGATGGGAAGCCAAGGTCC
 CATGTCACAAAAGAGAGAATTATGGAGTTCCTCCACGCAGAGCGACAATATCTTCTG
 GAGAAATGATCGCATGTCAACAAGACATGATGGTTATGCAACTAACGATGGAAATCATCC
 AAGTTGCCAAGAAACGAGGGATTATGCTCCACCATCTAGAGGCTATGCATACCGTGATAA
 TGGTCATTCTAATCGGGATGAACATTCCCTAGAGGATATAGAAATCATCGAAGTCCCG
 AGAAACTAGGGATTATGCTCCACCATCTAGAGGCCATGCATACCGTGATTATGGTCATTC
 TCGTCGGGATGAAAGTTATTCTAGAGGATACAGAAATCATCGAAGTCCCGAGAAACTAG
 GGAGTATGCTCCACCATCTAGAGGCCATGGATACCGTGATTATGGTCATTCTCGTCGACA
 TGAAAGTTATTCTAGAGGATATAGAAATCATCCAAGTCCCGAGAAAACGAGGATTATGC
 TCCACCACATAGAGACTATGCATACCGTGATTATGGTCATTCTAGTTGGGATGAACATTC
 CTCTAGAGGATATAGTTATCATGATGGCTACGGTGAGGCCCTTGGTAGAGATCATTCTGA
 ACATCTAAGTGGAAAGTTCTTATAGAGATGCACTTCAGAGATACGGGACCTCTCATGGTGC
 ACCACCTGCAAGAGGGCCCTCGGATGTCTTATGGTGGAAAGCACCTGCCACGCATATAGTAA
 TACACGAGATAGATATGGCAGAAGTTGGGAGAGTTACTCGAGCTGTGGTATTTTCATTA
 TTGTGATCGTGAGCATGTTTGCAGAAAAGACAAAGGAATCCGCCTTCTCTGGGTAGGGT
 GCTCCCTGATCCTCGTGAAGCATATGGTAGCTCAAGTTATGTGGCATCTATAGTAGATGG
 TGGGGAGAGTCGATCTGAAAAAGGAGACTCGAGCAGATATTAAGCAAGCATTGAAAATA
 ATAGTTATTGCATACCAATCCTTGTGTTGCAAATCAAAAATTGAAATGTTATTTCTGCATT
 GTTACCTGCATATACTGAAAGAAACATGTTGGTTTTGTGGAGAGAGGTAGATACTAACT
 TCCTCCATGAATTTTTGAGGTATTCAAAGGAAAAGGAATTGTTTTCAAAGTAATTTTCAT
 ACTTGTGATGCTATTTGAAAAGTGTGTTAGATGTAATATCTACCTTAAAATTTTCACAAT
 AAAATTTTACATGTACTGCAAAAAAAAAAAAAAAAAA

5' Read Nucleotide Sequence: >OriGene 5' read for NM_152585 unedited
 TAGGCGGCAAAAATCAACTTCTATAGCATACATTATACGAAGTTATGGATCAGGCCAAATC
 GGCCGAGCTCGAATTCGTCGAGAGCGGAGCTCCAGCTGTCCCTCCCGCAGTTGGCCCTGT
 GGTGTTCCGAAGCCGTTACGTACGGCCTGAGGGCCAGGCGAACCTCAGGCTCTTTGTCC
 TACTAAAAATCTCAGCACAATGGTAGAAGCAGATCATCCTGGCAAGCTTTTCATTGGTGG
 CCTCAATAGAGAAAACCAATGAGAAGATGCTTAAAGCAGTATTTGGGAAACATGGTCCAT
 ATCAGAAGTCTTTTGATAAAGGATCGAACCCAGCAAATCCAGAGGCTTTGCATTTATTAC
 TTTTGAGAACCCTGCAGATGCTAAGAATGCTGCGAAAGATATGAATGGAACGTCTTTGCA
 TGGAAAAGCAATAAAAGTAGAACAAGCCAAGAAACCATCTTTTCAAAGTGGTGGTAGGGC
 GAGACCACAGCTTCTTCGAGAAAACAGAAGCCCTTCAGGAAGTCTGAGATCTGCAAGAGG
 AAGCAGTGGAGGAACAAGAGGGTGGCTTCCCTCACATGAAGGGCACCTGGATGATGGTGG
 ATACACTCCTGATCTCAAGATGAGTTATCTAGGGGACTATTCCAGTTAAAAGAGGTCC
 ATCTTCAAGAAGTGGAGTCTCCTCCGAAAAATCTGCTCCTTCTGCTGTGGCAAGAAG
 CAATAGTTGGATGGGAAGCCAAAGTCCCATGTCACANAGAAGAGAGAATTATGGAGTTCC
 TCCACGCAGAGCGACCATATCTTCTGGAGAAATGATCGCATGTCAACAAGACATGATGG
 TTATGCAACTAACGATG

Restriction Sites: Please inquire

ACCN:	NM_152585
Insert Size:	1900 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:	<ol style="list-style-type: none">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_152585.1 , NP_689798.1
RefSeq Size:	1895 bp
RefSeq ORF:	1491 bp
Locus ID:	159163
UniProt ID:	Q15415
Cytogenetics:	Yq11.223
Gene Summary:	<p>This gene encodes a protein containing an RNA-binding motif in the N-terminus and four SRGY (serine, arginine, glycine, tyrosine) boxes in the C-terminus. Multiple copies of this gene are found in the AZFb azoospermia factor region of chromosome Y and the encoded protein is thought to be involved in spermatogenesis. Most copies of this locus are pseudogenes, although six highly similar copies have full-length ORFs and are considered functional. Four functional copies of this gene are found within inverted repeat IR2; two functional copies of this gene are found in palindrome P3, along with two copies of PTPN13-like, Y-linked. [provided by RefSeq, Jul 2008]</p> <p>Transcript Variant: This variant (1) represents the longer transcript and encodes the longer isoform (1).</p>