

Product datasheet for **SC115329**

RBM15B (NM_013286) Human Untagged Clone

Product data:

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| Product Type: | Expression Plasmids |
| Product Name: | RBM15B (NM_013286) Human Untagged Clone |
| Tag: | Tag Free |
| Symbol: | RBM15B |
| Synonyms: | HsOTT3; HUMAGCGB; OTT3 |
| Mammalian Cell Selection: | None |
| Vector: | <u>pCMV6-XL5</u> |
| E. coli Selection: | Ampicillin (100 ug/mL) |



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Fully Sequenced ORF: >NCBI ORF sequence for NM_013286, the custom clone sequence may differ by one or more nucleotides

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ATGAAGCGGCAGAGCGAGCGAGACTCTAGCCCGAGCGGGCGGGCTCGTCATCGTCCGCCAAGCGTCCGC
GGGAGCGCGAACGGGAGGCGGAGGCGGGCGGGCGGGCGCGCACAAGGCCTCTGGCGCGCCAAGCA
CCCGGTTCCAGCGCGGGCCCGCAGCAAACCCCGCGGAGCGGAAGCGGGGGCGGGCATCGCGACGGC
CGCGGCACCGGGGACCGGAATCACCGCGGAGTAGCGGGCGCTCCTCGGGCTCCGCGCTGGCGCGGGG
GACCGCGCGCAAGGCCTCGGGGACCCGGGCGCTCCGGCATGTCGCCCCGCGCGTCTCCTCTGCCGCC
GCCTCCGCCACCGCTGGGGCCGAGCCCGGTGTCCCGGCTCATCCGCGCCCGCGCTGAGTACAAGACG
TTGCTCATCAGCAGTTGAGCCCGCGTGTCCCGCGAGCACCTCGAGGACCGGCTTTCCACCAGTTCA
AGCGCTTCGGCGAGATCAGCCTCCGCTGTGCGCACAGCCTGAGCTGGGCCGTGTGGCTACGTGAATTT
CCGGCACCCACAGGACGACGCGAGGCCGCCAGCACGCCCTGGCCCGGAGCTGCTGCTCTACGACCGC
CCGCTCAAGGTAGAGCCCGTGTACTGCGTGGCGGGCGGGAGCAGTCGGCGAAGTAGCAGCAGCAGCG
CCGCCGCTTCCAGCCTCCCCAGGGCCCGCCGCGCCCGGACCCGCTCGGCTACTCCGCTACACGG
AGGCTACCAGTACAAGCAGCGCTCGCTGTCCCGTGTGCCCCGCCCCGCGGGAGCCCCGTGCCCGT
CACGCCCGCGCAGCCTTCGCCCTGGATGCCGCTGCTGCCGCCCGGCTGGGACTGTCCCGGGAGCGGGCC
TGGACTACTACGGGCTGTACGACGACCGTGGGCGCCCCTATGGCTACCCAGCTGTGTGTGAGGAGGACCT
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GTGGAGCTGCGAAGGGCCTTCGAGAAATATGGCATCATCGAGGAGGTGGTCATCAAGAGGCTGCCCGT
GCCAGGGCGGTGCCTATGCCTTCTCAAGTTCAGAACCTGGACATGGCCATAGGGTAAGGTGGCCAT
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TGGGTGGTGGCTGGGACCTAACACGCTACTGGCGGCTGTGGCCGAGAGTTTGACCGTTTGGGAGCA
TTCGGACCATTGATCACGTCAAAGGAGATAGCTTTCCTATATTAGTAGGAGAGCTTGGACGCGACCCCA
GGCCGCTGTGCTAAAATGAGGGTTTTCCCTTGGGTGGACCAGACCGCAGGCTCCGCGTGGATTTTGC
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CAGATGGATACACCCGGCACCGCAACCTGGACGCGACCTGGTGCGGGACAGGACGCCCCACACCTTCT
GTACTCAGACCGAGACCGGACTTTTTTGAAGGGGACTGGACCAGCCCCAGTAAAAGCTCTGACCGCGA
AACAGCCTTGAGGGCTACAGTCGCTCAGTGCAGCGGAGTGGTGAAGCCTTGGGGGCGAGATGGAGACC
GTGGTTTGCCCAAGCCCTGGGAAGAGAGGCGGAAACGGAGAAGCCTTCCAGTGACCGTGGGAGGACAAC
CCATTCACCATATGAGGAACGGAGTAGGACCAAGGGCAGTGGGCAGCAGTCAGAGCGGGGCTCCGACCGC
ACCCCTGAGCGCAGCCGCAAGGAGAACCCTCCAGTGAAGGGACCAAGGAGTCCAGCAGCAACTCCCTCA
GCAACAGCAGACATGGGGCTGAGGAACGGGGCCACCACCACCACCACGAGGCTGCAGACTCTCCCA
CGGAAGAAGGCAAGAGACAGCGAGCGCAATCACCGGACCACAGAGGCCGAGCCCAAGCCTCTGGAAGAG
CCAAAACAGGACCAAAAAGCTGAAGAATCTTTCAGAGTACGCTCAGACACTACAGCTGGGTGGAAATG
GGCTTCTGGTGTGAAAAACAGCTGCTTCCCCAGTCTATGCATATCCTAGAGGGGGACAGGGGGTGTG
CAGCAGTCTCCTCAAAGACCACACTTCTGGGAGCAAGTGAAGCAGTGAAGATCGCCAGCGCCTTTCGA
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TCTTAGCCACCCAGGCAACCCCGTGGCTTGGCACTGAGGGGATGCCACAGTAGAGCCCGGTCTGCA
GAGGCGGCTTCTCAGGAACCTGGTCTCCTACTTGAACAGAAGCAGGCCGAGGGGTGATCAGCTTGCCA
GTGGGGGGTCCAAAGGCAGAGACGGCACAGGCATGCTCTACGCCCTCCACCCTGCGACTTTTCCAGC
AGTACCTCAGTCAGCACTAAGGACATTGGGCAAGCTAGAAGAAGACACATGGTGATAGTCATCGTCAG
AGACTGCCTAG
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| 5' Read Nucleotide Sequence: | <p>>OriGene 5' read for NM_013286 unedited</p> <pre>TTTTGGTATACGACTCACTATAGGGCGGCCGGAATTCGGCACGAGGACAGGACGCCCC ACACCTTCTGTA CTAGACCCGAGACCGGACTTTTTTGGAAAGGGGACTGGACCAGCCCCAG TAAAAGCTCTGACCGCCGAAACAGCCTTGAGGGCTACAGTCGCTCAGTGCAGCCGGAG TGGTGAGCGTTGGGGGCGAGATGGAGACCGTGGTTGCCAAGCCCTGGGAAGAGAGGCG GAAACGGAGAAGCCTTCCAGTGACCGTGGGAGGACAACCCATTACCATATGAGGAACG GAGTAGGACCAAGGCGAGTGGGAGCAGTCAGAGCGGGGCTCCGACCCGACCCCTGAGCG CAGCCGCAAGGAGAACCCTCCAGTGAAGGGACCAAGGAGTCCAGCAGCAACTCCCTCAG CAACAGCAGACATGGGGCTGAGGAACGGGGCCACCACCACCACCACGAGGCTGCAGA CTCTCCACGGGAAGAAGGCAAGAGACAGCGAGCGCAATCACCGGACCACAGAGCCGA GCCAAGCCTCTGGAAGAGCCAAAACAGAGACAAAAGCTGAAGAATCTTTCAGAGTA CGCTCAGACACTACAGCTGGGTTGGAATGGGCTTCTGGTGTGAAAAACAGCTGCTTCCC CACGTCTATGCATATCCTAGAGGGGGACCAGGGGGGTGATCAGCAGTCTCCTCAAAGACC ACACTTCTGGGAGCAAGCTGACCAGCTGAAGATCGCCAGCGCCTTCGACTGGACCAGC CCAAGCTTGACGAGGGTACACGACGCATCAAGCAGGGGGGAGCCCAANCGGCTATGCG GTCTCTTNAGCCACCCAGNNCACCCNNCAGTGGCTTGGCACTGANGNGATGCN</pre> |
| 3' Read Nucleotide Sequence: | <p>>OriGene 3' read for NM_013286 unedited</p> <pre>TTAAAAAGNNNNCATCTGNACCGCGCCGATTTTANGATCGAGTTTTTTTTTTTTTTTTT TTGATGGGCACACACACGGTTTAAAGGCAGAAAAAACCTCAGTAGCTGCTGACCACAGGCC TTGCGCTCACCCATCCCTTCTTTGCATGGGCTCTACTCAGGCTTGTGTGGCAGCGTCC ACAGCCCAAAGTGAAGCTTGCCCTGCTGTCAGCCAAGATAAAAATGAGTGAAGTAGAGTC CAGACTGAGCCTGAAGAATTGAGAGGCCGAGAGTGACCCATGCAGCAGTGGTGTGGAAG GATGACGTANGGCATTCGTGTACATGCACTANGGATGTCTTCGATTCTTTTAGCTTGATT GATTAACCAGGACTCTGAACAGGTTTAAAAATCCATCCTCTGTCAAAGTTTTACTGACA ACTTCCATACAGTTGGTCAAAAAATAAAAAATACGAACCCCCNGCNGACAGTATCTTGTA CACTAGAAATCAACATAACCGGNATCCCTTCTCATCGTTTTAAAAAAAAAAAAATCCCCAA ATCTAAGAAGTGTGGTGGGTGACAAGACTTTGATCCCCACCAATGAACCCAAAAT ACCCAGAGATANTTCAACACAAAGTGTAAAGGGTAAAAAGGGGATCAAATTTTAAATAA CTGCTTTTGGGAACCCCAACATGANCTTGAAAAAAAAGGCTGGNCTATGCAGGGCTTTTA CATGACATTACCCCTTGGTCTTTTTTTTACCTGGCAAAGGCTTAAGGCTACCGGAAGGCC TGCTGGGAAAATCCCAGGGGAAAGGGTAAAATTGCTTTTCCCTTTTGCCTTGGACCCC CCTGGAATTAACCCCTTGGGCCCGGTTTGTGTAAGAAAGAAACAATTCCTTAAAAA CCCCCTTGAACCCCGTCTTATTGGGGGATCTCCTCTAGGCCAACCCCTGCGGGGTTTC CGGGGGGTATAAAGACCCCAAACCCCTGGGGCGCCCTTTGAAGCCCA</pre> |
| Restriction Sites: | NotI-NotI |
| ACCN: | NM_013286 |
| Insert Size: | 2000 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_013286.1](#), [NP_037418.1](#)

RefSeq Size: 6650 bp

RefSeq ORF: 771 bp

Locus ID: 29890

UniProt ID: [Q8NDT2](#)

Cytogenetics: 3p21.2

Protein Families: Transcription Factors

Gene Summary: Members of the SPEN (Split-end) family of proteins, including RBM15B, have repressor function in several signaling pathways and may bind to RNA through interaction with spliceosome components (Hiriart et al., 2005 [PubMed 16129689]).[supplied by OMIM, Feb 2009]