

Product datasheet for **SC320898**

RBM12 (NM_152838) Human Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: RBM12 (NM_152838) Human Untagged Clone
Tag: Tag Free
Symbol: RBM12
Synonyms: HRIHFB2091; SCZD19; SWAN
Mammalian Cell Selection: Neomycin
Vector: pCMV6-AC (PS100020)
E. coli Selection: Ampicillin (100 ug/mL)

Fully Sequenced ORF: >OriGene sequence for NM_152838.2
GGCCATTTTGTGAAGCGGCGAAGGAGGTGGTGGCTGCGTTGGGCTCCGGGAAGCCGTTCC
GGCTGGGGCTGTGGCCCGGGGCGGAGGCACTCGCGGGGGTAATTCGGGGTCTGGG
TTCTGGTGCCGCGCAGCTTTCGCCGTCTAAAAGTTGGTTTTAATTGGTTGCCACAGGAT
TGACTTGGCCTCTACTTCTGTTAAGGAAATTCATCTCTTGTGTTTTATCAGGTGTGTGG
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ATACCACCAGCAATGCCAGTAGATCAGGACCACCACCTAGCTCAGGAATGAGTAGCAGG
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ACCACTTCTGTTTCATGAAAGCAACAAAACATACAGACATTTTCCACAGCCAGCGTAGGA
ACAGCTCCTCAAATATGGGGGCTTCTTTGGGAGCCCAACGTTTAGCTCAACTGTTCCA
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GAAAATGATGTCAGAGATTTTTTTCATGGGCTCCGTGTTGATGCAGTGCATTTGTTGAAA
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TTTGAAGCTTTGAAACGAAACAGAATGCTGATGATTCAACGCTATGTGGAAGTTAGCCCT
GCCACAGAAAGACAGTGGTAGCTGCTGGAGGCCATATCACTTTTAAAGCAAAATATGGGA
CCTTCTGGACAACTCATCCCCCTCCTCAGACACTTCCCAGGTCAAATCGCCAGTGGG
CAGAAAAGATCAAGGTCAAGATCACCACATGAGGCTGGTTTTTGTGTTTACTTGAAGGG



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CTACCATTGAAGCAGAAAAACAACATGTCATTGATTTTTTAAAAAGCTGGATATTGTG
GAAGATAGTATTTATATAGCTTATGGACCCAATGGGAAAGCAACTGGCGAAGGCTTTGTA
GAGTTCAGAAATGAGGCTGACTATAAGGCTGCTGTGTGTCGTCATAAACAGTACATGGGC
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TTTGTTATAGGGTAAAGCTTTGTCTAAAGTCTCATTCTTTTAAAAATTGAATAAAATT
TCTGTATACAGAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA

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- Restriction Sites:** Please inquire
- ACCN:** NM_152838
- 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: [NM_152838.2](#), [NP_690051.1](#)

RefSeq Size: 6608 bp

RefSeq ORF: 2799 bp

Locus ID: 10137

UniProt ID: [Q9NTZ6](#)

Cytogenetics: 20q11.22

Domains: RRM

Gene Summary: This gene encodes a protein that contains several RNA-binding motifs, potential transmembrane domains, and proline-rich regions. This gene and the gene for copine I overlap at map location 20q11.21. Alternative splicing in the 5' UTR results in four transcript variants. All variants encode the same protein. [provided by RefSeq, Nov 2010]
Transcript Variant: This variant (2) uses a different splice site in the 5' UTR, compared to variant 1. All variants encode the same protein. Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.