

## Product datasheet for **SC113300**

### **RBM47 (NM\_019027) Human Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	RBM47 (NM_019027) Human Untagged Clone
Tag:	Tag Free
Symbol:	RBM47
Synonyms:	NET18
Mammalian Cell Selection:	None
Vector:	<u><a href="#">pCMV6-XL5</a></u>
E. coli Selection:	Ampicillin (100 ug/mL)



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**Fully Sequenced ORF:** >OriGene ORF within SC113300 sequence for NM\_019027 edited (data generated by NextGen Sequencing)

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ATGACCGCAGAGGATTCCACCGCAGCCATGAGCAGTGACTCGGCCGCCGGTCTCGGCC
AAGGTGCCCGAGGGCGTGGCGGGCGCGCCAACGAGGCAGCACTGCTGGCGCTGATGGAG
CGCACGGGCTACAGCATGGTGAAGAGAACGGGCAGCGCAAGTACGGCGGCCACCGCCC
GGCTGGGAGGGCCCGCACCCGACGCTGGCTGCGAGGTTCTCGTGGCAAGATCCCGCGC
GACGTGTACGAGGACGAGCTGGTGCCCGTGGTTCGAGGCCGTGGGCCGCATCTACGAGCTG
CGCCTCATGATGGACTTTGACGGCAAGAACCGCGCTACGCCTTCGTATGTACTGCCAC
AAGCACGAGGCCAAGCGCGCAGTGCGTGAGCTCAACAACACTACGAGATCCGCCCGGCCGC
CTGCTCGGCGTGTGCTGCAGCGTGGACAACTGCCGCTCTTCATCGGCGGGATCCCCAAG
ATGAAGAAGCGCGAGGAAATCCTGGAGGAGATTGCCAAGGTCACCGAGGGCGTGTGGAC
GTGATCGTCTACGCCAGCGCGCCGACAAGATGAAGAACCGCGGCTTCGCCTTCGTGGAG
TACGAGAGCCACCGCGCGGCTGCCATGGCTCGCCGCAAGCTCATGCCTGGCCGCATCCAG
CTGTGGGGCCACCAGATCGCCGTGGACTGGGCCGAGCCTGAGATCGACGTGGACGAGGAC
GTGATGGAGACCGTGAAGATCCTCTACGTGCGCAACCTCATGATCGAGACCACCGAGGAC
ACCATCAAGAAGAGCTTCGGCCAGTTCAACCCCGCTGCGTGGAGCGCGTCAAGAAGATC
CGCGACTACGCCTTCGTGCACTTACCAGCCGCGAGGATGCCGTGCATGCCATGAACAAC
CTCAACGGCACTGAGCTGGAGGGCTCGTGCCTGGAGGTACGCTGGCCAAGCCCGTGGAC
AAGGAGCAGTACTCGCGTACCAGAAGGCAGCCAGGGGCGGGCGCGGCTGAGGCAGCG
CAGCAGCCAGCTACGTGTACTCCTGCGACCCCTACACACTGGCTACTACGGTACCCC
TACAACCGCTCATTGGGCCAACAGGGACTACTTTGTGAAAGTAGCCATCCCTGCCATT
GGGGCTCAGTATCCATGTTTCCAGCAGCTCCAGCCCTAAAATGATTGAAGATGGCAAA
ATCCACACAGTGGAGCACATGATCAGCCCATGCTGTGCAGCCAGACCCAGCCAGTGTCT
GCTGCCGCGCAGCCGCGCCGACGCCGCGCAGCCGCTGTATTCCCACTGTGTGACG
CCACCACCTTCCAGGGCCGCCAATAACTCCAGTATACCGGTGGCTCCAAACGTTTCAG
AGAATTCCTACTGCCGGATCTACGGGGCCAGTTACGTGCCATTTGCTGTCCAGCTACA
GCCACGATCGCCACACTACAGAAGAACGCGGCAGCCGCGGCCGCGTGTATGGAGGATAC
GCAGGCTACATACCTCAGGCCTCCCTGCTGCTGCCATTACAGTCCCATCCCCGAGCTC
TACCAGACATACTGA
    
```

Clone variation with respect to NM\_019027.3  
 57 c=>g;696 a=>g;1486 a=>g

**5' Read Nucleotide Sequence:**

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>OriGene 5' read for NM_019027 unedited
TGTAATACGACTACTATAGGGCGGCCGAATTCGGCACGAGGCGGCCTACAAACAGG
CTTAGCGCTCCACTGAAATGCGGGAGGCTCCTTAACTCTTGATAAACAGAAACCCTCCG
TAACTCTAGGTACAGAGCGCACTAAAATGAGCCACTTCTGAACGAGCAGCGCCAGGCC
AGGCCCTGCTGCGAAGGCCCGGCAAAAGGTCAGGGCCCGTCCGCGTGACGCTCCTGCCT
GCGCGCGGCCAAGCCATGCTCGGCCCCAGCTCAGGTAACGGAGGCCTTGAAGGAGACTC
TGCGTCAGGTCACCCAGCAGAGATCAGCAATCCTTGGCTCACTGAGGAGGTTTGGATTTG
CCTCAAAGGGCACTGCAAAAATTGAACAGAGGAATCCCAAGGAAGCTGCCTGAATTTGCC
TGTATACTCTCGTTCTGCGACTTATAAAGGACCAGACAAATCAAATTAGTGGTTTTGGTT
TCCGCCAGCTGTGGATGCCTTTGACATTATGACCGCAGAGGATTCACCCGAGCCATGAG
CAGTGACTCGGCCGCCGGTCTCGGCCAAGGTGCCGAGGGCGTGGCGGGCGCGCCCAA
CGAGGCANCACTGCTGGCGCTGATGGAGCGCACGGGCTACAGCATGGTGAAGAGAACGG
GCAGCGCAAGTACGGCGGCCACCGCCCGCTGGGATGGCCCGCACCCGCATCGTGGCTG
CGAAGTCTTCGTGGGCAAGATCCCGCGGACGTGTACGATGACGATCTGGTGGCCGTGTT
CGAAGGCCGTGGGCCGCATCTACGAGCTGCGCCTCATGATGGACTTTGACGGGCAGAACG
CGGCTACCCCTTGTNATGTACTGCCACAAGCACGAAGGCCACCGCAATGCGTGAGCTC
AACAACTACGATAATCCGCCCGGGCCGCTGCTCGGTGTGTC
    
```

<b>3' Read Nucleotide Sequence:</b>	>OriGene 3' read for NM_019027 unedited AACCACGTGTTAATTTCTTTTAAAAAATAGTACCGCCATGATGATACATGGTAACACCAT CAACCCTTAATGCCAGCAGAAATACAGAGGTTTTACTCATTTTTAAAAATTGCACCTTCCAG TATAACCTTTAAAATAATGCTTTATGTAGTATTTTTAAGCACTACTGTTTGTATCTTTAA ATATTGTATATTTTTCAAAAATAGTTCCTAGCTCCTCAAGTGTGCTTTTTTAATATAT AGTTGATATATTATTGAAGGTACTACAAAATAGAAATCTCTGGAGTGCAGAAAGTTAAGAA AATAACCTTCATACTGAAAATATATCCTTAAAAAACAACAACAAAAACCTCTATACAAA TGTAGTACAGCATACAAATTTTTAAAAGATGGAATGAAGGCACGAACCATTGCAAGTCTT TTGAAAATGTATGAACGTAGGCATGCTAAGTTGAAAATAGTCTTAAAAAACTAGTGAAAA CTTCATGTATATAAAAATAATTCAGAAAATAATCTGCTAACATTCTTCACTTTCAGTTGC ATGTGTGAATCCAACATGTTCTTCTTCATAAATAGTCAAGCGTTCCTTCAGTGGTGT GTGTGGTCTGTCTTCGTGCTGGTCACCAGCCTCAGTATGTCTGGTAGACGTCGGGATGG GGACCCTGATGGCACCCGAGGGAAGGCCTGAGGTATTTACCCTGCGTATCCTTCATACA CTGGCGCGGGCTGCCGGCTTCTCCGTATGGGGCGATCGTGGCTGTACTTGCACCA CCAATTTGGCATTAACTGNCCCGCAGACCCCGGCAGTGGTACTCTTGTACCCCTTGGC GCCTCCTGTGTTCTCGCACTTTGGGGGCCCTGACAAGGGGGTGGGCCCCACATTGT AAGTACATCTGTTGCGGTGGTTGCTGCACCGTTCCCCGGCATCATATCGCTTGTACAGCT CGTCAACATGGCCAATACCTTCCCCCGTGCCTCGCCCCCACACTTTTACTCTTTTTCT CTCCCCTTCTCTTTCT
<b>Restriction Sites:</b>	NotI-NotI
<b>ACCN:</b>	NM_019027
<b>Insert Size:</b>	2860 bp
<b>OTI Disclaimer:</b>	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).
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"> <li>1. Centrifuge at 5,000xg for 5min.</li> <li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li> <li>3. Close the tube and incubate for 10 minutes at room temperature.</li> <li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li> <li>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.</li> </ol>
<b>RefSeq:</b>	<u>NM_019027.1, NP_061900.1</u>
<b>RefSeq Size:</b>	4020 bp
<b>RefSeq ORF:</b>	1575 bp
<b>Locus ID:</b>	54502
<b>UniProt ID:</b>	<u>A0AV96</u>
<b>Cytogenetics:</b>	4p14

Domains: RRM