

Product datasheet for **SC108272**

RBBP9 (NM_006606) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	RBBP9 (NM_006606) Human Untagged Clone
Tag:	Tag Free
Symbol:	RBBP9
Synonyms:	BOG; RBBP10
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene ORF within SC108272 sequence for NM_006606 edited (data generated by NextGen Sequencing)

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ATGGCTTCTCCTAGCAAGGCAGTGATTGTTCCCGGGAACGGAGCGGGGATGTGACCACC
CACGGCTGGTATGGCTGGGTGAAAAAGGAGCTGGAGAAGATACCTGGTTTCCAGTGTITG
GCTAAAAACATGCCCGACCCAATTACAGCACGAGAGAGCATCTGGCTGCCCTTCATGGAG
ACAGAGCTGCACTGTGATGAGAAGACTATCATCATTGGCCACAGTTCTGGGGCCATCGCG
GCCATGAGGTATGCAGAAACACATCGAGTATATGCTATTGTATTAGTGTCTGCGTACACA
TCAGACTTGGGGGATGAAAATGAGCGTGCAAGTGGATACTTCACCCGCCCTGGCAGTGG
GAGAAGATCAAGGCCAACTGCCCTTACATTGTGCAGTTTGGCTCTACTGACGACCCGTTT
CTTCCCTGGAAGGAACAACAAGAAGTGGCCGATAGGTTGAAACCAAATTGCACAATTC
ACTGACTGTGGCCACTTTCAGAACACAGAGTTTCATGAACTGATTACTGTTGAAAGTCT
TTGCTGAAAGTACCAGCATAG
```

Clone variation with respect to NM_006606.2



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5' Read Nucleotide Sequence:

>OriGene 5' read for NM_006606 unedited
 TTCAAATTTTGTAAATACGACTCACTATTAGGGCGGCCGCGAATTCGCACGAGGCCTCGCT
 GCACTCATGGCTTCTCCTAGCAAGGCAGTGATTGTTCCCGGGAACGGAGGCGGGGATGTG
 ACCACCCACGGCTGGTATGGCTGGGTGAAAAAGGAGCTGGAGAAGATACCTGGTTCCAG
 TGTTTGGCTAAAAACATGCCCGACCCAATTACAGCACGAGAGAGCATCTGGCTGCCCTTC
 ATGGAGACAGAGCTGCACTGTGATGAGAAGACTATCATCATTGGCCACAGTTCTGGGGCC
 ATCGCGGCCATGAGGTATGCAGAAACACATCGAGTATATGCTATTGTATTAGTGTCTGCG
 TACACATCAGACTTGGGGATGAAAATGAGCGTGCAAGTGGATACTTCACCCGCCCTGG
 CAGTGGGAGAAGATCAAGGCCAACTGCCCTTACATTGTGCAGTTTGGCTCTACTGACGAC
 CCGTTCCTTCCCTGGAAGGAACAACAAGAAGTGGCCGATAGGTTGGAACCAAATTCAC
 AAATTCAGTACTGTGGCCACTTTCAGAACACAGATTTTCATGAAGTACTGTTGTGTA
 AAGTCTTTGCTGANAGTACCAGCATAGACTGTATGATTTCTGCTATTTTGCATCCCAATA
 TANGAGTAGAATAATATCTACTATCAGCTGATTACTAGACACATAGAATCCAGTTAAG
 TTCCGTAAGTGCCTTAAAAACAAAACAGTTTCAACATTCATTAGTTACAAAATAGCA
 CTTCCATTTTCCATAGACTCTAAAACCTCCCAATTGCTATGAACTACCACAGTATTTT
 CCTCATTTTGATAAGAAACACTAGGACAGCTTAACCTACCCTTCTTTATTCCAAGTGAGTCA
 GAAACAGACCCCGAGTTTCTTGATCCCACTCCTGAA

3' Read Nucleotide Sequence:

>OriGene 3' read for NM_006606 unedited
 ACGTTTTTAGTATCGAGTTTTTTTTTTTTTTTTTTTTTTGAAGTCTGGCTCTATGGTTTTTAA
 TGAATAGTTTGTGTAGATTTTCCCTGAAACACCCCTGATCTTAGTTGGGTGATTTATAGA
 CCTATGATGTTGGTGGTATCAGCTAAGCAAAGTACCCAAACAGAAGTAATTTCAAATTA
 AGTCACATTTACTTTGTGCTATTACTCATTATTGGATGGTGGGTGAGGGGAAAAACAAA
 ATATATGTGCTAGACCAATGTTGTCCAATAGAGCTTTCTATAATGACGGAATAGCCTAT
 ATTTGGCTGGTCAGTAAGTAACCAATAGCCACCAAGTGGCTGTTGAGCACTTGAATATGG
 CTAGTTTGACTGAACTGAATTTTCAATTTTACAGCTAGCTGTGGTTACTGGTTACTATAT
 TTGGCAGCAAAGTTCAACAATGTATAGGTCTATCTTAATTACTTTTATAGGAATGAAGA
 GTCTCAGAATTTTCTCAATTAATATATTTAGATCTCATTCTACAGAGAAAGAGGTC
 AACAAAGTTTTGTGAATAAATGCATAAGTTCCTTCTTTAGGAAAGGACTTCACAGAGA
 ACCAGGCAAAGAATAAGTATTACAACAGCAAATTTGCAAAAAATTCAAGTACGAATCAA
 CTTTGACTATAGATTTGGGACAAATTAGTGCTAAACAGCCTCTTTTACAACATTATTATT
 GCACCGATTTCATATTATTGGCTCTTTAGAGGCAAATACATTGCCTTAAATCTAATTTT
 CTGATATAAAAACTGCCCTACGCACCAATTCAAATATCAGGAGATAAAGTAAAAAAGG
 GCCGGCCATGTGGTTATGGAAGTAAAAGGTTACCCTTTTAAACACAACCCAAGTTCGAAA
 GTTCTTTTAAACACTTGCCTTTGAAAAATCCAATGCCCCAGATTCGCCTGAATTAGTCTC
 TTGTTATCAACTTTCCAACACTACAAT

Restriction Sites:

NotI-NotI

ACCN:

NM_006606

Insert Size:

2590 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_006606.2](#), [NP_006597.2](#)

RefSeq Size: 3871 bp

RefSeq ORF: 561 bp

Locus ID: 10741

UniProt ID: [O75884](#)

Cytogenetics: 20p11.23

Gene Summary: The protein encoded by this gene is a retinoblastoma binding protein that may play a role in the regulation of cell proliferation and differentiation. Two alternatively spliced transcript variants of this gene with identical predicted protein products have been reported, one of which is a nonsense-mediated decay candidate. [provided by RefSeq, Jul 2008]
Transcript Variant: This variant (1) contains an extra segment in the 3' UTR compared to variant 2. Both variants encode the same protein.