

## Product datasheet for **RR208899**

### Rbbp4 (NM\_001107912) Rat Tagged ORF Clone

#### Product data:

Product Type: Expression Plasmids  
 Product Name: Rbbp4 (NM\_001107912) Rat Tagged ORF Clone  
 Tag: Myc-DDK  
 Symbol: Rbbp4  
 Vector: pCMV6-Entry (PS100001)  
 E. coli Selection: Kanamycin (25 ug/mL)  
 Cell Selection: Neomycin  
 ORF Nucleotide Sequence: >RR208899 representing NM\_001107912  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGATCGC**C

ATGGCTGACAAGGAAGCGGCCTTTGACGACGGTGGGAAGACGTGTGATCAACGAGGAGTACAAGATAT  
 GGAAGAAGAACACCCATTTCTTTATGATTTGGTGATGACCCATGCCCTGGAGTGGCCAGCCTAACTGC  
 CCAGTGGCTTCCAGATGTGACCAGGCCTGAAGGAAAGATTTTCAGCATTTCATCGGCTTGCCTGGGAACA  
 CACACATCAGATGAACAAAACCACTTGTGATAGCCAGTGTCCAGCTCCCTAATGACGATGCTCAGTTTG  
 ATGCATCCATTATGACAGTGAAGGAGGAAATTTGGAGTTTTGGTTCTGTGAGTGGGAAAATTGAAAT  
 AGAAATCAAGATCAACCATGAAGGAGAAGTAAACAGGGCCAGGTACATGCCTCAGAACCTTGCATCATT  
 GCAACGAAGACTCCATCCAGTGTGTTCTGTTTTGACTACACAAAGCACCTTCTAAACCAGACCCTT  
 CTGGAGAATGCAACCCAGACTTGCCTCCGTGGGCATCAGAAGGAAGTTATGGGCTTTCTTGGAAATCC  
 AAATCTCAGCGGGCACTTACTTAGTGCTTCAGATGACCATACCATCTGCCTGTGGGACATCAGTGCAGTT  
 CCCAAAGAAGGAAAAGTGGTGGATGCAAAGACCATCTTTACAGGGCATAACAGCAGTAGTGGAGGACGTTT  
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 TTCAATCCTTATAGTGAGTTCATTCTTGCCACGGGATCAGCTGACAAGACTGTTGCCCTGTGGGATCTGA  
 GAAATCTGAAACTCAAGTTGCATTCCTTTGAATCACATAAGGATGAAATATTCCAAGTTCATGGTCACC  
 TCACAATGAGACTATCTTAGCTTCCAGTGGCACTGATCGTCGGCTGAATGTCTGGGATCTAAGTAAAT  
 GGAGAAGAAGCAGTCCCAGAAGATGCAGAGGATGGCCACCAGAGTTGTTGTTTATTTCATGGTGGTCACA  
 CTGCCAAGATATCTGACTTCTCCTGGAATCCCAATGAACCTTGGGTAATTTGTTCTGTATCAGAAGACAA  
 TATCATGCAAGTGTGGCAGATGGCAGAGAACATTTATAATGATGAAGACCCTGAAGGAAGTGTGGATCCA  
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**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
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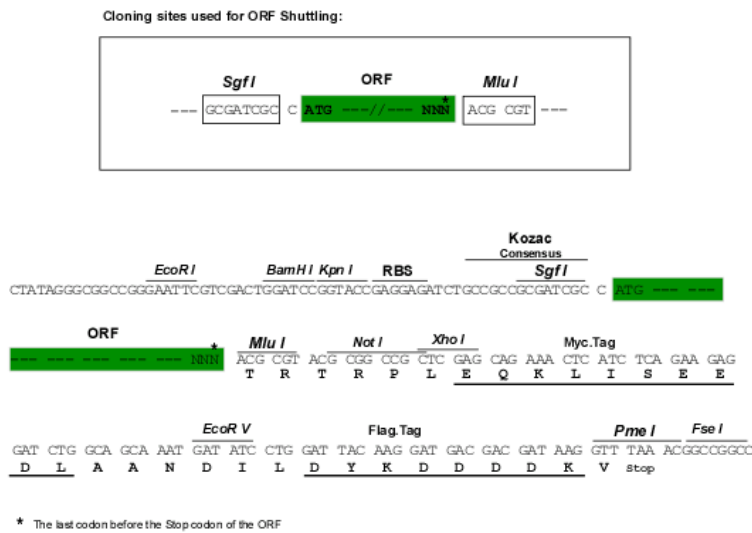
**Protein Sequence:** >RR208899 representing NM\_001107912  
Red=Cloning site Green=Tags(s)

MADKEAAFDDAVEERVINEEYKIWKNTPLYDLVMTHALEWPSLTAQWLPDVTRPEGKDFSIHRLVLGT  
 HTSDEQNLVIASVQLPNDDAQFDASHYDSEKGEFGGFGSVSGKIEIEIKINHEGEVNRARYMPQNPCII  
 ATKTPSSDVLVFDYTKHPKPDPSGECNPDLRLRGHQKEGYGLSWNPNSGHELLSASDDHTICLWDISAV  
 PKEGKVVDAKTI FTGHTAVVEDVSWHLLHESLFGSVADDQKLMIWDRSNNTSKPSHSVDAHTAEVNCLS  
 FNPYSEFILATGSADKTVALWDLRNLKLLHSFESHKDEIFQVQWSPHNETILASSGTDRRLNVWDLSKI  
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 EQGS

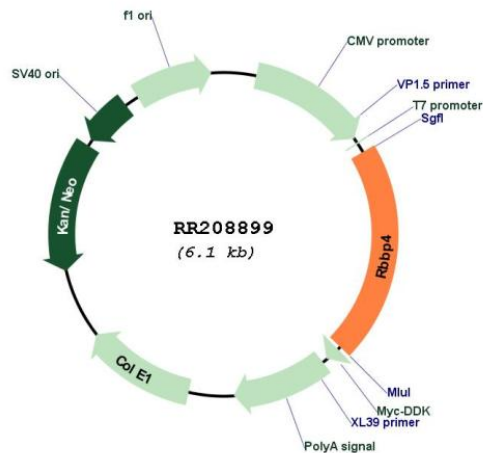
TRTRPLEQKLISEEDLAANDILDYKDDDDKV

**Restriction Sites:** SgfI-MluI

**Cloning Scheme:**



**Plasmid Map:**



<b>ACCN:</b>	NM_001107912
<b>ORF Size:</b>	1275 bp
<b>OTI Disclaimer:</b>	The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. <a href="#">More info</a>
<b>OTI Annotation:</b>	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
<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>	<a href="#">NM_001107912.2</a> , <a href="#">NP_001101382.1</a>
<b>RefSeq Size:</b>	1924 bp
<b>RefSeq ORF:</b>	1278 bp
<b>Locus ID:</b>	313048
<b>Cytogenetics:</b>	5q36
<b>MW:</b>	47.7 kDa