

## Product datasheet for **MC220604**

### **Rrbp1 (NM\_133626) Mouse Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Rrbp1 (NM_133626) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Rrbp1
Synonyms:	1700087N07Rik; 5730465C04Rik; ES/130; mKIAA1398; mRRp0; mRRp1.8; mRRp10; mRRp15a; mRRp15b
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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**Fully Sequenced ORF:** >MC220604 representing NM\_133626  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGCATCGCC**

ATGGATATCTACGACACTCAGACCTTGGGGTTGTGGTCTTTGGCGGTTTATGGTTGTTTCTGCCATCG  
 GCATCTTCTGGTGTCAACCTTCTCCATGAAGGAGACGTCGTATGAAGAAGCCCTTGCCAACCAGCGCAA  
 GGAGATGGCGAAAACACCACCAGAAAGGAGAGAGAAAAAGAGGAGAAAACCGTGGAGAAGAAAGGA  
 AAGACCAAGAAAAGGAAGAGAAACCTAATGGGAAGATACCTGAACATGACCTGGATCCCAACGTGACCA  
 TCATCCTCAAGGAACAGTGCCTGTATCCGCTGTGGCTGTGGCTCCAACCTCAGTCCATTCTTGTGGG  
 CCATACCCTATAGCCACAGTACCAGCCATGCCTCAGGAAAAGCTGGCTTCTCCCTAAGGACAGAAAAG  
 AAGAAGGAGAAAAAGTGGCAAAGGTGGAGCCAGCAGTCTATTGTGAATCCATCCAGGTTCTTG  
 CTTCAAAGTCTGCCATCTTGAAGCCACACCCAAGGAGGTGCCTATGGTGGCTGTGCCTCCAGTGGGCTC  
 TAAGGCCAGTTCTCTGCCACCAGCAGTCAGGGCAAGAAGGGACAGGGAGCCAGAACCAGGCCAAGAAG  
 GGGGAGGGAGCCAGAACCAAGGCAAGAAGGGGAGAGGGGGCCAGAACCAAGCTAAGAAAAGGAGAGGGGG  
 CCCAGAACCAGGCCAAGAAGGGGGAGGGGGCCAGAACCAAGGCAAGAAGGGGGAGGGAGCCAGAACCA  
 GGCCAAGAAGGGGAAGGAGGCCAGAACCAGGCCAAGAAGGGGGAGGGGGCCAGAACCAAGGCAAGAAG  
 GGAGAGGGGGCCAGAACCAAGGCAAGAAGGGGGAGGGAGCCAGAACCAGGCTAAGAAGGGGGAGGGGG  
 CTCAGAACCAAGCTAAGAAGGGTGAAGGGGGCCAGAACCAAGGCAAGAAGGGAGAGGGGGCCAGAACCA  
 GTCCAAGAAAAGGAGAGGGGGCTCAGAACCAGGCCAAGAAGGGGAAGGGGGCCAAAACAGGCCAAGAAG  
 GGAGAGGGGGCTCAGAACCAGGCCAAGAAGGGGGAGGGAGCCAGAACCAAGCTAAGAAGGGGGAGGGGG  
 TCCAGAACCAGGCCAAGAAGGGGTAGAAGGGGGCCAAAATCAGGGCAAAAAGGGGAAGCAAAACAAA  
 CCAGGCTAAGAAGGGTGAGGGAGGCCAGAACCAACCAAGAAGGGGAAGGACCCAGAACCAAGGCAAG  
 AAGGGAGAAGCAGCTCAAAAACAGGACAAAAAATAGAAGGAGCCAGAATCAAGGCAAGAAGCCAGAGG  
 GAACCTCAAAACCAAGGCAAGAAGGGGGAGGGGGCCAGAACCAAGGCAAGAAGGGAGAGGGGGCCAGAA  
 CCAAGGCAAGAAGGGAGAGGGGGCCAGAACCAAGGCAAGAAGGGAGAGGGGGCCAGAACCAAGGCAAG  
 AAGGGAGAGGGGGCCAGAACCAAGGCAAGAAGGGAGAGGGGGCCAAAACCAAGGCAAGAAGGGAGAGG  
 GGGCCAGAACCAAGGCAAGAAGGGAGAGGGGGCCAGAACCAGGCCAAGAAAGGAGAGGGGGCCAGAA  
 CCAGGGCAAGAAAAGGAGAGGGGGCCAGAACCAGGCCAAGAAAGGAGAGGGGGCCAGAACCAGGGCAA  
 AAGGCAGAGGGGGTTCAAAGTCAGAGCAAGAAAGGGGAAGGGACCCAGAATCAGGGCAAAAAGGGGGATG  
 GAAATCCCAACCAAGGCAAGAAGGGGGAGGGGGCTTCAACCAGAACAGAAAGACAGATACAGTTGCTAA  
 TCAGGGCAAAAAGCAAGAGGGTGTCTCAAACCAGGTGAAAAAGTCAGAAGGGTCCCTTAATCAAGGTAAA  
 AAGGCAGAGGGAGCCCAACCAAGGCAAAAAGAAAGATGGATCCCCAGCCAGGCCAAAAAAGTGGATG  
 CAGCTGCCAATCAGGGTAAAAAGTCAGAGATGGCTCCTGCCAGGGTCAAAGGCCAAGCATGGTCCAGAG  
 CCAGGAGGCACCAAGCAAGACGCACCTGCAAAGAAGAAGTCTGGTCCAGGAAAAAAGGAGAGCCTGTG  
 TGCTGA

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI

**ACCN:** NM\_133626

**Insert Size:** 2106 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).

<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><a href="#">NM_133626.2</a></u> , <u><a href="#">NP_598329.1</a></u>
<b>RefSeq Size:</b>	2706 bp
<b>RefSeq ORF:</b>	2106 bp
<b>Locus ID:</b>	81910
<b>UniProt ID:</b>	<u><a href="#">Q99PL5</a></u>
<b>Cytogenetics:</b>	2 G1
<b>Gene Summary:</b>	Acts as a ribosome receptor and mediates interaction between the ribosome and the endoplasmic reticulum membrane.[UniProtKB/Swiss-Prot Function]