

Product datasheet for **MC220554**

Rhobtb1 (NM_001081347) Mouse Untagged Clone

Product data:

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| Product Type: | Expression Plasmids |
| Product Name: | Rhobtb1 (NM_001081347) Mouse Untagged Clone |
| Tag: | Tag Free |
| Symbol: | Rhobtb1 |
| Synonyms: | 1700008H16Rik; 3110048G13Rik; AI173445; AI573858; AV350930 |
| Vector: | pCMV6-Entry (PS100001) |
| E. coli Selection: | Kanamycin (25 ug/mL) |
| Cell Selection: | Neomycin |



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Fully Sequenced ORF: >MC220554 representing NM_001081347
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGGACTCTGACATGGACTACGAACGACCAACGTTGAGACCATCAAGTGCCTGGTCTGGGCGACAACG
 CCGTAGGGAAGACGCGCCTCATCTGTGCCCGGGCTGCAACACCACCCTGACACAGTACCAGCTGCTGGC
 CACCCATGTGCCACCGTGTGGGCCATTGATCAGTACCGTGTCTGCCAGGAGTCTGGAGCGGTCCAGG
 GATGTCGTCGATGAAGTGAAGTCTCCCTCAGGCTTTGGGACACGTTTGGAGATCACCACAAAGACAGGC
 GGTTCGCATATGGCAGGTCGGATGTTGTGGTCTCTGCTTTAGCATCGCGAACCCCAACTCCCTAAATCA
 TGTGAAAACCATGTGGTATCAAGAAATCAAGCACTTTTGCCTCGAACGCCCGTCTGCTGGTTGGCTGC
 CAGCTAGACCTCCGCTACGCCGACCTGGAGGCTGTTAACCGGGCCAGACGCCCTTAGCAAGGCCATAA
 AGAGAGGTGACATTTGCCCCAGAAAAAGGCCGCGAGGTGGCGAAGGAATTGGCATCCCGTACTACGA
 GACCAGCGTGTGGTACCAGTTTGGCATCAAGGACGTGTTGCAATGCCATCCGAGCAGCCCTCATCTCC
 CGCCGGCACCTGCAGTTCTGGAAATCCCACTTGAAAAAGTCCAGAAGCCTCTGCTTCAGGCGCCCTCC
 TACCTCCGAAAGCTCCTCCCCGGTCAAGGTCCCCGAGTGTCCGCTCTGCGGGGACCAGCGATGCTGC
 CTGTTTACTGGACAACCCCTGTGCGCCGACGCTCTTCTGTTCTCCATGACGAGGAGCAGATCTTTGCG
 CACCGCATTTACCTCGCTACCTCTTCTTCCAAATCTACGACCTTTTTTAAATGGAGTGTGAAGAATCCC
 CTTGTTGGGGTGGAGGAGCTGGTGAAGGAGTCCGTCAGGGATTTTCAGGGGCGGACGCAGAGTCTTGG
 ATCAGCCGAGGAAGGGAAGGAGGCCCCAGAGGACCCCTCAGGCTGACCCAGGAGCGTCTTCAGGCCAG
 GACCTGCCTGAGAGTTTGGCTTTCAGATGGAAGCCTCGGGTCCGAGGGACACGCCCTGTCCGGCTGGA
 CCAAGGGGTTTGTGAGCATGCACAGGAGGTGCGGGTCAACCCCATTTCCAAGCGGTGGGCCAGTGAC
 CGTGGTCAGGCTGGACCCATCGATGCAGTCAGGCCCTTTCGGGACCCTGCTGAGATTCTCTACTCTGGG
 CAGCTGGACGAAAAGGAAAAGATCTGCTGGGGTGGCTCAGATGGCCGAGGTCCTGGAGATGTTTGATC
 TGAGGATGATGATAGAGAATATCATGAACAAGGAGGCTTTTATGAACCAGGAGATCACGAAAGCCTTCCA
 CGTCCGAAAGCCAATCGGATCAAAGAATGTCTCAGCAAGGGCACCTTCTCAGACGTGACATTTACCTTG
 GATGACGGAGCCATCAGCGCCACAAGCCGCTGCTGATCTGTAGCTGCGAATGGATGGCGGCCATGTTTCG
 GGGTTCCTTTGTGAAAGCGCCAACCGTGAAGTTCACCTCCCAATATAACAAGATGTCGATGCAGGC
 GGTGTTGAATACCTCTACACCAAGCAGTTGTACCCAACTTGGACCTGGACCCCTGGAGTTAATTGCC
 TTGGCAAACAGATTTTGCCTGACACACTTGGTTGCTCTCGTAGAGCAGCATGCTGTCCAGGAGCTACCA
 AGGCCGCTGTGAGTGGTGTGAGCATCGATGGTGAAGTTCTCTCTACTTGGAGCTGGCACAGTTTACAA
 TGCCAATCAGCTAGCTGCCTGGTGTGTCATCAGTCTGCACCAACTACAACAGCGTCTGTTTCAAGTTC
 CGCAAGGAAATCAAATCCAAGTCAGCAGACAACCAGGAGTACTTTGAGCGGCACCCTGGCCCCCTGTGT
 GGTACCTGAAGGAGGAAGACCACTACCAGCGTGTGAAGAGGGAACGAGAGAAAGAGGACCTGGCGCTGAA
 CAAGCACCATTAAGGAGAAAGTGGTGTCTGGCATTCTGCCCCAGCTGTCCGC**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-Mlul
ACCN: NM_001081347
Insert Size: 2088 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).

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| 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: | <ol style="list-style-type: none">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: | <u>NM_001081347.1</u> , <u>NP_001074816.1</u> |
| RefSeq Size: | 4329 bp |
| RefSeq ORF: | 2088 bp |
| Locus ID: | 69288 |
| UniProt ID: | <u>Q9DAK3</u> |
| Cytogenetics: | 10 B5.3 |