

Product datasheet for **RN208957**

Rhobtb2 (NM_001013133) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Rhobtb2 (NM_001013133) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Rhobtb2
Synonyms:	MGC109268
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN208957 representing NM_001013133
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGATTCTGACATGGATTATGAAAGGCCAAACGTAGAGACCATCAAGTGCCTGGTGGTGGGGACAACG
 CTGTGGGCAAGACTAGGCTCATCTGTGCCCGGCCCTGCAATGCCACCCTTACCCAGTATCAGCTGCTTGC
 CACCCATGTGCCACAGTGTGGGCCATCGACCAGTATCGTGTATGCCAGGAGGTGCTAGAACGCTCCCGA
 GATGTCGTAGATGATGTTAGTGTCTCCCTGCGCCTCTGGGACACCTTCGGAGACCACCACAAAGATCGAC
 GTTTTGTCTATGGAAGATCCGATGTGGTGGTTTTGTGTTCTCCATTGCCAACCTAATCCCTCCACCA
 TGTCAAGACCATGTGGTACCCAGAAATCAAGCATTCTGCCCCAGAGCTCCTGTTATTCTGGTGGGCTGC
 CAGCTGGACCTGCGCTATGCTGACCTGGAAGCCGTTAACAGGGCCAGAAGACCTTTGGCTAGGCCATCA
 AGCCCAATGAAATCCTCCCCCAGAGAAGGGTCGGGAAGTGCCAAAGAGCTGGGGATCCCTTACTACGA
 GACCAGCGTGGTGGCACAGTTTGGTATCAAGGACGTCTTTGACAATGCCATCCGGGCTGCACTCATCTCT
 CGCCGCCACCTGCAGTTCTGAAATCTCATCTGCGCAATGTGCAGCGCCCTTTCTGCAAGCACCTTCC
 TCCCCCAAGCCACCGCCCCCTATCATCGTGGTGCCCGACCCCCCTCCAGCAGCGAGGAGTGCCCGC
 CCACCTCTGGAAGACCCGCTCTGTGCGGATGTCATCCTGGTGTGCAGGAGCGCGTGCGCATCTTTGCC
 CAAAAATCTACCTCTCCACCTCCTCCTCAAATCTATGACTTATTCTCATGGACCTGAGTGAGGGGG
 AGCTGGGGGGCCCTCAGGGCCAGGGGGCCCCCGCCAGAGGACCACCGGAGCTACCCTGAGCAACTA
 CCATCATCACCATCACCACCATGGGCGGACTTCTGCTTCGGGCAGCCAGCTTTGACGTATGTGAGAGT
 GTGGCAGAGGCTGGGGCTCTGGTCCAGCTGCCCTCAGAGCTTCAACCAGTGACGGGATCTTACGGGGTA
 ATGGAACAGGGTACCTGCCAGGCAGAGGACGTGTGCTTCTTCCGGAGCAGAGCTTTGTGAGTATCCA
 GGAAGAGATGGCAGAAGATCCTCTGACCTTCAAATCCCGGCTGATGGTGGTGGTGAAGATGGATACTCC
 ATTCAGCCCGGGCCCTTCCGGGCTGTTCTCAAGTACCTGTACACAGGGGAGCTAGGTGAGAATGAGCGGG
 ACCTCATGCATATCGCTCACATTGCCGAGCTGCTAGAGGTCTTTGATCTACGTATGATGGTGGCCAACAT
 TCTCAACAACGAGGCCTTCATGAATCAGGAGATCACCAAGGCCTTCCATGTACGCCGGACCAACCGGTT
 AAGGAGTGTGGCAAAGGGCACCTTTTCAGATGTGACCTTCATCCTGGATGATGGGACCATCAGCGCCC
 ATAAGCCTCTGCTGATTTCCAGCTGTGACTGGATGGCTGCCATGTTTGGGGACCATTTGTGAGAGTTC
 TACCAGGGAGGTGGTGTTCATACACAAGCAAGAGCTGCATGAGGGCTGTGTTGGAGTACCTCTACACG
 GGCATGTTACCTCCAGCCAGACCTGGATGATATGAAGCTCATGTCCTGGCTAACCGCCTCTGCCTGC
 CGCACTTGGTTGCCCTCACAGAGCAGTACACAGTACTGGACTGATGGAGGCAACCCAGATGATGGTGGA
 TATCGATGGGGATGTCCTTGTATTCTGGAATTGGCACAGTTCCTGCGCGTACCAGTTGGCCGACTGG
 TGTCTTACCACATTTGCACCAACTACAACAACGTGTGCCCAAGTTCCTCGAGACATGAAGGCTATGT
 CTCCAGAAAACAGGAGTACTTTGAGAAGCACCAGTGGCCGCCAGTCTGGTACCTGAAAGAAGAGGACCA
 CTATCAGCGTGCAGGGAAGGAGCGAGAGAAGGAGGACTATTTACACCTGCGGAGGCGCCAAAGCGGCG
 TGGCTGTTTTGGAACAGTCTTCATCACCGTCTCCTCAGCAGCGGGCTCGGCATCCCCATCCTCCTCT
 CCTCAGCTGTGGT**CGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_001013133
Insert Size: 2187 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:	<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_001013133.1, NP_001013151.1</u>
RefSeq Size:	2903 bp
RefSeq ORF:	2187 bp
Locus ID:	306004
Cytogenetics:	15p11