

Product datasheet for **MC228701**

Rhobtb1 (NM_001252636) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Rhobtb1 (NM_001252636) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Rhobtb1
Synonyms:	1700008H16Rik; 3110048G13Rik; AI173445; AI573858; AV350930
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

Fully Sequenced ORF: >MC228701 representing NM_001252636
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGGACTCTGACATGGACTACGAACGACCAACGTTGAGACCATCAAGTGCCTGGTCTGGGCGACAACG
 CCGTAGGGAAGACGCGCCTCATCTGTGCCCGGGCTGCAACACCACCCTGACACAGTACCAGCTGCTGGC
 CACCCATGTGCCACCGTGTGGGCCATTGATCAGTACCGTGTCTGCCAGGAGTCTGGAGCGGTCCAGG
 GATGTCGTCGATGAAGTGAAGTCTCCCTCAGGCTTTGGGACACGTTTGGAGATCACCACAAAGACAGGC
 GGTTCGCATATGGCAGGTCGGATGTTGTGGTCTCTGCTTTAGCATCGCGAACCCCAACTCCCTAAATCA
 TGTGAAAACCATGTGGTATCAAGAAATCAAGCACTTTTGCCTCGAACGCCCGTCTGCTGGTTGGCTGC
 CAGCTAGACCTCCGCTACGCCACCTGGAGGCTGTTAACCGGGCCAGACGCCCTTAGCAAGGCCATAA
 AGAGAGGTGACATTTGCCCCAGAAAAAGGCCGCGAGGTGGCGAAGGAATTGGCATCCCGTACTACGA
 GACCAGCGTGTGGTACCAGTTTGGCATCAAGGACGTGTTGCAATGCCATCCGAGCAGCCCTCATCTCC
 CGCCGGCACCTGCAGTTCTGAAATCCCACTTGAAAAAGTCCAGAAGCCTCTGCTTCAGGCGCCCTCC
 TACCTCCGAAAGCTCCTCCCCGGTCAAGGTCCCCGAGTGTCCGTCTGCGGGGACCAGCGATGCTGC
 CTGTTTACTGGACAACCCCTGTGCGCCGACGCTCTTCTGTTCTCCATGACGAGGAGCAGATCTTTGCG
 CACCGCATTTACCTCGCTACCTCTTCTTCCAAATCTACGACCTTTTTTAAATGGAGTGTGAAGAATCCC
 CTTGTTGGGGTGGAGGAGCTGGTGAAGGAGTCCGTCAGGGATTTTCAGGGGCGGACGCAGAGTCTTGG
 ATCAGCCGAGGAAGGGAAGGAGGGCCCCAGAGGACCCCTCAGGCTGACCCAGGAGCGTCTTCAGGCCAG
 GACCTGCCTGAGAGTTTGGCTTTCAGATGGAAGCCTCGGGTCCGAGGGACACGCCCTGTCCGGCTGGA
 CAAGGGGTTTGTGAGCATGCACAGGAGGTGCGGGTCAACCCCATTTCCAAGCGGTGGGCCAGTGAC
 CGTGGTCAGGCTGGACCCATCGATGCAGTCAGGCCCTTCCGGACCCTGCTGAGATTCTCTACTCTGGG
 CAGCTGGACGAAAAGGAAAAGATCTGCTGGGGTGGCTCAGATGGCCGAGGTCCTGGAGATGTTTGATC
 TGAGGATGATGATAGAGAATATCATGAACAAGGAGGCTTTTATGAACCAGGAGATCACGAAAGCCTTCCA
 CGTCCGAAAGCCAATCGGATCAAAGAATGTCTCAGCAAGGGCACCTTCTCAGACGTGACATTTACCTTG
 GATGACGGAGCCATCAGCGCCACAAGCCGCTGCTGATCTGTAGCTGCGAATGGATGGCGGCCATGTTG
 GGGTTCTCTTGTGAAAGCGCCAACCGTGAAGTTCACCTCCCAATATAACAAGATGTCGATGCAGGC
 GGTGTTGAATACCTCTACACCAAGCAGTTGTACCCAACTTGGACCTGGACCCCTGGAGTTAATTGCC
 TTGGCAAACAGATTTTGCCTGACACACTGGTTGCTCTCGTAGAGCAGCATGCTGTCCAGGAGCTACCA
 AGGCCGCTGTGAGTGGTGTGAGCATCGATGGTGAAGTTCTCTCTACTTGGAGCTGGCACAGTTTACAA
 TGCCAATCAGCTAGCTGCCTGGTGTGTCATCACATCTGCACCAACTACAACAGCGTCTGTTTCAAGTTC
 CGCAAGGAAATCAAATCCAAGTCAGCAGACAACCAGGAGTACTTTGAGCGGCACCCTGGCCCCCTGTGT
 GGTACCTGAAGGAGGAAGACCACTACCAGCGTGTGAAGAGGGAACGAGAGAAAGAGGACCTGGCGCTGAA
 CAAGCACCATTAAGGAGAAAGTGGTGTCTGGCATTCTGCCAGCTGTCCGC**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_001252636
- 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).
- OTI Annotation:** Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.

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.
Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	<u>NM_001252636.1</u> , <u>NP_001239565.1</u>
RefSeq Size:	4312 bp
RefSeq ORF:	2088 bp
Locus ID:	69288
UniProt ID:	<u>Q9DAK3</u>
Cytogenetics:	10 B5.3