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Product datasheet for MC228702

Rhobtb1 (NM_001252637) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Rhobtb1 (NM_001252637) 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:

>MC228702 representing NM_001252637
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGGACTCTGACATGGACTACGAACGACCCAACGTTGAGACCATCAAGTGCGTGGTCGTGGGCGACAACG
CCGTAGGGAAGACGCGCCTCATCTGTGCCCGGGCCTGCAACACCACCCTGACACAGTACCAGCTGCTGGC
CACCCATGTGCCCACCGTGTGGGCCATTGATCAGTACCGTGTCTGCCAGGAGGTCCTGGAGCGGTCCAGG
GATGTCGTCGATGAAGTGAGCATCTCCCTCAGGCTTTGGGACACGTTTGGAGATCACCACAAAGACAGGC
GGTTCGCATATGGCAGGTCCGATGTTGTGGTCCTCTGCTTTAGCATCGCGAACCCCAACTCCCTAAATCA
TGTGAAAACCATGTGGTATCAAGAAATCAAGCACTTTTGCCCTCGAACGCCCGTCGTCCTGGTTGGCTGC
CAGCTAGACCTCCGCTACGCCGACCTGGAGGCTGTTAACCGGGCCAGACGCCCCTTAGCAAGGCCCATAA
AGAGAGGTGACATTTTGCCCCCAGAAAAAGGCCGCGAGGTGGCGAAGGAACTTGGCATCCCGTACTACGA
GACCAGCGTGTTTGACCAGTTTGGCATCAAGGACGTGTTCGACAATGCCATCCGAGCAGCCCTCATCTCC
CGCCGGCACCTGCAGTTCTGGAAATCCCACTTGAAAAAAGTCCAGAAGCCTCTGCTTCAGGCGCCCTTCC
TACCTCCGAAAGCTCCTCCCCCGGTCATCAAGGTCCCCGAGTGTCCGTCTGCGGGGACCAGCGATGCTGC
CTGTTTACTGGACAACCCCCTGTGCGCCGACGTCCTCTTCGTTCTCCATGACGAGGAGCACATCTTTGCG
CACCGCATTTACCTCGCTACCTCTTCTTCCAAATTCTACGACCTTTTTTTAATGGAGTGTGAAGAATCCC
CTTGTTGGGGTGGAGGAGCTGGTGAGGAGGTGCCGTGCAGGGATTTTCAGGGGCGGACGCAGAGTCTTGG
ATCAGCCGAGGAAGGGAAGGAGGGCCCCCAGAGGACCCCTCAGGCTGACCCAGGAGCGTCTTCAGGCCAG
GACCTGCCTGAGAGTTTGGCTTTGCAGATGGAAGCCTCGGGTTCCGAGGGACACGCCCTGTCCGGCTGGA
GCAAGGGGTTTGTCAGCATGCACAGGGAGGTGCGGGTCAACCCCATTTCCAAGCGGGTGGGCCCAGTGAC
CGTGGTCAGGCTGGACCCATCGATGCAGTCAGGCCCTTTCCGGACCCTGCTGAGATTCCTCTACTCTGGG
CAGCTGGACGAAAAGGAAAAAGATCTGCTGGGGCTGGCTCAGATGGCCGAGGTCCTGGAGATGTTTGATC
TGAGGATGATGGTAGAGAATATCATGAACAAGGAGGCTTTTATGAACCAGGAGATCACGAAAGCCTTCCA
CGTCCGGAAAGCCAATCGGATCAAAGAATGTCTCAGCAAGGGCACCTTCTCAGACGTGACATTTACCTTG
GATGACGGAGCCATCAGCGCCCACAAGCCGCTGCTGATCTGTAGCTGCGAATGGATGGCGGCCATGTTCG
GGGGTTCCTTTGTGGAAAGCGCCAACCGTGAGGTTCACCTCCCAAATATAAACAAGATGTCGATGCAGGC
GGTGTTGGAATACCTCTACACCAAGCAGTTGTCACCCAACTTGGACCTGGACCCCCTGGAGTTAATTGCC
TTGGCAAACAGATTTTGCCTGACACACTTGGTTGCTCTCGTAGAGCAGCATGCTGTCCAGGAGCTCACCA
AGGCCGCTGTCAGTGGTGTGAGCATCGATGGTGAAGTTCTCTCCTACTTGGAGCTGGCACAGTTTCACAA
TGCCAATCAGCTAGCTGCCTGGTGTTTGCATCACATCTGCACCAACTACAACAGCGTCTGTTCCAAGTTC
CGCAAGGAAATCAAATCCAAGTCAGCAGACAACCAGGAGTACTTTGAGCGGCACCGCTGGCCCCCTGTGT
GGTACCTGAAGGAGGAAGACCACTACCAGCGTGTGAAGAGGGAACGAGAGAAAGAGGACCTGGCGCTGAA
CAAGCACCATTCAAGGAGAAAGTGGTGTTTCTGGCATTCGTCCCCAGCTGTCGCCTGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001252637

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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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:	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:	NM_001252637.1, NP_001239566.1
RefSeq Size:	4433 bp
RefSeq ORF:	2088 bp
Locus ID:	69288
UniProt ID:	Q9DAK3
Cytogenetics:	10 B5.3

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