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Product datasheet for MC205916

Rhobtb3 (NM_028493) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Rhobtb3 (NM_028493) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Rhobtb3
Synonyms:	1700040C17Rik; 2610033K01Rik; 4930503C18Rik; AI317148; AW208826; mKIAA0878
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>BC050836 CCAGCTCCCCCGCGCGCCGGACTCTCGGGGCGACACGTGCGGGCCTCCGGCCCCGCCGAGCGGAGGCGGA GCCCGGGCGGAGGCGCGGCGGCCAGGAGCGGCGACCAGGGACCGCAGCGCTGCCAGCGCCCGGCCGGCCG CTCACTCCCGGCCCGCTCCTCTGCGTCGGTAGCGCCGCGTCGTAGGAGCGGGAGGGCCGCGGCCGGGGAT GAGCTGACTGCAGTGAGAGCGTCGCCCGGGCCCCCGCCAGGCCGCCCGCTGCCATCTCCGCGCCGCCCTG CCAGCCGCGATCATGTCCATCCACATCGTGGCGTTGGGGAACGAGGGCGACACGTTCCACCAGGACAACC GGCCGTCGGGGCTCATCCGCACATACCTGGGAAGAAGCCCGCTGGTGTCGGGGGACGAGAGTAGCTTGTT GCTGAACGCGGCCAGCACGGTCGCGCGCCCGGTGTTCACTGAGTACCAGGCCAGTGCGTTCGGGAACGTC AAGCTGGTGGTGCACGACTGTCCCGTCTGGGACATTTTTGACAGTGATTGGTACACCTCCCGAAACCTAA TTGGGGGTGCCGACATCATTGTGATCAAATACAATGTAAATGACAAGTTTTCATTCCATGAAGTAAAGGA TAACTATATTCCAGTGATTAAAAGAGCATCAAACTCAGTTCCGGTAATCATTGCGGCTGTTGGTACGAGA CAAAATGAAGAATTACCTTGTACATGCCCCCTGTGTACTTCAGACCGAGGGAGCTGTGTTACCACCACAG AAGGGATCCAACTTGCCAAAGAACTGGGAGCTACCTATCTGGAACTCCACAGCCTTGATGATTTCTACAT TGGAAAGTACTTTGGAGGAGTGCTGGAGTATTTTATGATTCAAGCCTTAAATCAGAAGACAAGTGAAAAA ATGAAGAAAAGGAAAATGACCAGCTCCTTCCATGGGATTCGACCTCCTCAGCTTGAACAGCCAGAAAAGA TGCCTGTCTTGAAAGCTGAGGCATCACACTATCACTCCGACTTGAATAACTTGCTGCTCTGCTGCCAGTG TGTGGATGTGGTTTTTTACCACCCAGAAGTGACGGGCGTCGTGGAAGCCCACAAGATCGTTCTCTGCTCT GTAAGCCATGTTTTCATGCTGCTTTTCAATGTGAAAAGCCCGGCCGACATTCAGGATTCCAGTATCATCC GAACCACCCAGGATCTCTTTGCCATAAACAGAGATGCTGTGCTTCCAGGTGCTAGCCAGGAAGCCCCCAG CAACCCACCATTGCCTGTTATTGTTAAGGACGCCCTCTTCTGCTCCTGTTTATCAGACATTCTGCGCTTC ATTTATTCAGGTGCTTTTCAGTGGGAAGAGCTGGAAGAAGATGTCAGGAGGAAGTTGAAAGATTCCGGGG ATGTTTCTGATATAATCGAGAAAGTTAAATGTATTTTAAAAACACCAGGAAAGATTAATTGCCTGAGGAA CTGCAAGACCTACCAAGCCAGGAAGCCTCTGTGGTTTTATAATACGTCTCTCAAGTTTTTCCTTAATAAA CCGATGCTTGCCGATGTTGTCTTTGAAATACAAGGAGCAACTGTGCCAGCCCACAGGGCCATCTTGGTGG CACGATGTGAAGTGATGGCTGCCATGTTTAATGGTAATTATATGGAAGCCAAGAGTGTACTGATTCCAGT TTATGGCGTTTCCAAAGAGACATTCTTGTCATTTTTAGAATACTTATACACAGACTCTTGTTGCCCAGCT GGCATTTTTCAGGCCATGTGTCTCCTGATCTGTGCTGAGATGTACCAGGTCTCTAGACTGCAGCACATCT

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CCTTTTATAACAAATAAACCATTTTTTAAAAAAACAAAAAAAAAAAAAAAA

Restriction Sites: RsrII-NotI

ACCN: NM_028493

Insert Size: 1836 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:	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:	BC050836, AAH50836
RefSeq Size:	4952 bp
RefSeq ORF:	1836 bp
Locus ID:	73296
UniProt ID:	Q9CTN4
Cytogenetics:	13 C1
Gene Summary:	Rab9-regulated ATPase required for endosome to Golgi transport. Involved in transport vesicle docking at the Golgi complex, possibly by participating in release M6PRBP1/TIP47 from vesicles to permit their efficient docking and fusion at the Golgi. Specifically binds Rab9, but not other Rab proteins. Has low intrinsic ATPase activity due to autoinhibition, which is relieved by Rab9 (By similarity).[UniProtKB/Swiss-Prot Function]