

## Product datasheet for **MR215936**

### Rhebl1 (NM\_026967) Mouse Tagged ORF Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Rhebl1 (NM\_026967) Mouse Tagged ORF Clone  
**Tag:** Myc-DDK  
**Symbol:** Rhebl1  
**Synonyms:** 1810036J22Rik; Rheb2  
**Mammalian Cell Selection:** Neomycin  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**ORF Nucleotide Sequence:** >MR215936 representing NM\_026967  
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGCCGCTGGTGCCTACAGGAAGGTGGCCATCCTAGGGTACCGCTCCGTAGGGAAGACATCTTTGGCAC  
ATCAATTTGTGGAAGCGAGTTCCTGGAAGGCTACGATCCTACAGTGGAGAATACTTACAGCAAGACAGT  
GACTCTTGGCAAAGATGAGTTTCACCTACATCTGGTGGACACAGCAGGGCAGGATGAGTACAGCATTCTG  
CCCTACTCGTCCATCATCGGGTCCATGGTTACGTTCTTGATACTCGGTTAACTCTCTGCGCAGCTTTC  
AGATCGTTAAGAACCTGTACCAAAGCTACACGAAGGCCACGGTAAAACCGGCTGTCGGTGCTGCTTGT  
GGGAACAAGGCAGATCTCTCCTGAGAGAGAGGTGCAGGCAGTTGAAGGGAAGAAGCTAGCAGAGTCC  
TGGGGTGCATGTTTATGGAGTCGTCGTCGGGATAATCAGCTAACTCAAGATGTCTTCATCAAAGTCA  
TCCAGGAGATTGCCCGGTGGAGAATTCTTATGGACGACAAGACCGCCGATGCTATCTTATG

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:** >MR215936 representing NM\_026967  
Red=Cloning site Green=Tags(s)

MPLVRYRKVAILGYRSVGKTSLAHQFVEGEFLEGYDPTVENTYSKVTVLGKDEFHLHLVDTAGQDEYSIL  
PYSLIIGVHGYLVVSVNSLRSFQIVKNLYQKLHEGHGKTRLVLLVGNKADLSPEREVQAVEGKLAES  
WGAMFMESSARDNQLTQDVFIKVIQEIARVENSYGRQDRRCYLM

**TRTRPLEQKLI**SEEDLAANDILDYKDDDDKV

**Chromatograms:** [https://cdn.origene.com/chromatograms/mm9060\\_b09.zip](https://cdn.origene.com/chromatograms/mm9060_b09.zip)



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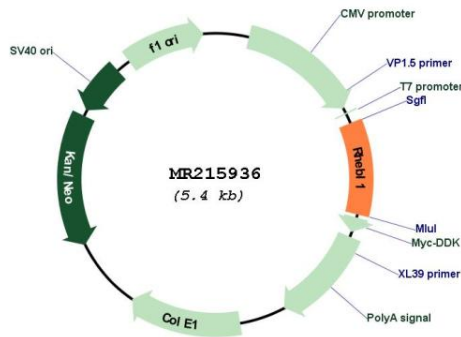


**Cytogenetics:** 15 F1

**MW:** 20.9 kDa

**Gene Summary:** Binds GTP and exhibits intrinsic GTPase activity. May activate NF-kappa-B-mediated gene transcription. Promotes signal transduction through MTOR, activates RPS6KB1, and is a downstream target of the small GTPase-activating proteins TSC1 and TSC2 (By similarity). [UniProtKB/Swiss-Prot Function]

**Product images:**



Circular map for MR215936