

Product datasheet for **MC210860**

Rhebl1 (NM_026967) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Rhebl1 (NM_026967) Mouse Untagged Clone
Tag: Tag Free
Symbol: Rhebl1
Synonyms: 1810036J22Rik; Rheb2
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC210860 representing NM_026967
Red=Cloning site **Blue**=ORF **Orange**=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGCCGCTGGTGCCTACAGGAAGGTGGCCATCCTAGGGTACCGCTCCGTAGGGAAGACATCTTTGGCAC
ATCAATTTGTGGAAGGCGAGTTCCTGGAAGGCTACGATCCTACAGTGGAGAATACTTACAGCAAGACAGT
GACTCTTGGCAAAGATGAGTTTCACCTACATCTGGTGGACACAGCAGGGCAGGATGAGTACAGCATTCTG
CCCTACTCGTCAATCATCGGGTCCATGGTTACGTTCTTGTATACTCGGTTAACTCTCTGCGCAGCTTTC
AGATCGTTAAGAACCTGTACAAAAGCTACACGAAGGCCACGGTAAAACCCGGCTGTCGGTGCTGCTTGT
GGGGAACAAGGCAGATCTCTCTCTGAGAGAGAGGTGCAGGCAGTTGAAGGGAAGAAGCTAGCAGAGTCC
TGGGGTGCATGTTTATGGAGTCGTCGCTCGGGATAATCAGCTAACTCAAGATGTCTTCATCAAAGTCA
TCCAGGAGATTGCCCGGGTGGAGAATTCTATGGACGACAAGACCGCGGATGCTATCTTATG**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_026967
Insert Size: 555 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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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_026967.4</u> , <u>NP_081243.1</u>
RefSeq Size:	1227 bp
RefSeq ORF:	555 bp
Locus ID:	69159
UniProt ID:	<u>Q9D8T3</u>
Cytogenetics:	15 F1
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]