

Product datasheet for SC322565

RHEBL1 (NM_144593) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	RHEBL1 (NM_144593) Human Untagged Clone
Tag:	Tag Free
Symbol:	RHEBL1
Synonyms:	RHEBL1c
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC (PS100020)
E. coli Selection:	Ampicillin (100 ug/mL)

Fully Sequenced ORF: >OriGene sequence for SC322565
 CCGGCTCCCTGGCGTTAGACGTGCTGTGTGATCACGTGGGCAGCTCCGGGCGCGGCG
 CTTGTTTTGGTTTCCTTCTAACTTGCCACGGCAGCTTCGGGGTGAGCGACTTTCCTGCA
 CCAGCTGCCGCGCTGCTCACACCTGACCTCGTTTTTCGGGCTCTCTGAGCCCGAGTTC
 CGCAAGCCCTGGGGCGGCTCCTGCCATGCCGCTAGTCCGCTACAGGAAGGTGGTCATC
 CTCGGATACCGCTGTGTAGGGAAGACATCTTTGGCACATCAATTTGTGGAAGGCGAGTTC
 TCGGAAGGCTACGATCCTACAGTGGAGAATACTTACAGCAAGATAGTGACTCTTGCCAAA
 GATGAGTTTCACCTACATTTGGTGGACACAGCAGGGCAGGATGAGTACAGCATTCTGCC
 TATTCATTCATCATTGGGGTCCATGGTTATGTGCTTGTGATTCTGTACCTCTCTGCAT
 AGCTTCCAAGTCATTGAGAGTCTGTACCAAAAGCTACATGAAGGCCATGGGAAAACCCGG
 GTGCCAGTGGTTCTAGTGGGAACAAGGCAGATCTCTCTCCAGAGAGAGAGGTACAGGCA
 GTTGAAGGAAAGAAGCTGGCAGAGTCTGGGGTGCACATTTATGGAGTCATCTGCTCGA
 GAGAATCAGCTGACTCAAGGCATCTTACCAAAAGTCATCCAGGAGATTGCCCGTGTGGAG
 AATTCCTATGGGCAAGAGCGTCGCTGCCATCTCATGTGAGCCCTTGGGTGTGGGGTAACT
 GCCTTGCTTCTGCCCCGGCACTTGCCATGTTCCAGTGGGGGCGAGATCCTCAGGACTTC
 ACGGGTATGGTTGCCAGCTGTGTTTCTGGCCCCGGACACACAGTGTGGCATCCTCATGT
 TTGCACACTTTCCCAGGCTCCAGTGGCCTGGATGTCAATGTTTACAAAGGGGCAAGGAC
 CTCTCATGGACTGGCCTCTAGCCCTGTGTTTTGTTGATGAATTCTGTTATAACCTA
 TGGGGTCAGGATATGAGTCCCTGGGCATTATTTATCCAGGACCCATCCTCTTGGGTGGGT
 TTGGGTGTTGGCTGGGTAAAGGGGAGCCGGGACTTCTGAAATAGAGCTGGCTCCCTGGGG
 TGACAATGTATATATGCAATAAATTGAGAAATCTTTAAAAAAAAAAAAAAAAA

Restriction Sites:	Please inquire
ACCN:	NM_144593



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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:	This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.
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:	NM_144593.1 , NP_653194.1
RefSeq Size:	1192 bp
RefSeq ORF:	552 bp
Locus ID:	121268
UniProt ID:	Q8TAI7
Cytogenetics:	12q13.12
Domains:	ras, RAS, RHO, RAB
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.[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (1) encodes the longer isoform (1).