

## Product datasheet for SC212602

### RHEB (NM\_005614) Human 3' UTR Clone

#### Product data:

Product Type:	3' UTR Clones
Product Name:	RHEB (NM_005614) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	RHEB
Synonyms:	RHEB2
ACCN:	NM_005614
Insert Size:	1137 bp
Insert Sequence:	>SC212602 3'UTR clone of NM_005614 The sequence shown below is from the reference sequence of NM_005614. The complete sequence of this clone may contain minor differences, such as SNPs. Blue=Stop Codon Red=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
CAAGGCAAGTCTTCATGCTCGGTGATGTGATTCTGCTGCAAAGCCTGAGGACACTGGGAATATATTCTA
CCTGAAGAAGCAAACGCCCCGTTCTCCTTGAAGATAAACTATGCTTCTTTTTTCTTGTAAACCTGAA
AGATATCATTTGGGTGAGAGCTCCCTCCCTTCAGATTATGTTAACTCTGAGTCTGTCCAATGAGTTC
ACTTCCATTTTCAAATTTAAGCAATCATATTTCAATTTATATATTGTATTTCTTAATATTATGACCA
AGAATTTTATCGGCATTAATTTTTCAGTGTAGTTTGTGTTTAAAATAATGTAATCATCAAATGATGC
ATATTGTTACTACTATTAAGCTTTCAGTATATCAGTGTATTTTTCATTGTGTTAAATGTATACT
TGTAATAAAAATAGCTGCAAACCTCAGTCCCTTGTGCTACTTGATGTGGCTTTCAAAGAAGAGAAGCCT
TGTCTGAGTTTCTCACTTGGCTTCAGGAAGGCCCGAGTTGGATTCCAGAAACCAAGTGAAGATGTGGC
CACAGGAGGAGGTGTGCTGAGGTGGCTGCTGACCGTGGACTCCCTGCGCAGTGGCCTGCAGATGTTGGG
GCTGGGTTACAGCTGATTGAAGCTGAGTGGCCCTGGGGGTCTGTGAGGGGAGTTCTCCCCAGTGATG
AAATTCTCTCCTCCACCCTCAAATCCCTAGACCTTGACTGAAATGCTCCGTGGTGGGAGCCTGGTCA
AGGAGGAGGAGCTGCTGAGAGGCATTGTTGCGCCTTGCTCATAGCTTAGCTCGATGTCCGTGTCAGACA
GGAGATGATTGAGAACAGCCTTGCTGTCACTGTCTAGAACACCCTGGAGTTTAGTGTCTGTGTGTCAG
AGTCTTGGGAGCCTCCTTCAGACCCAGATGACGGGCTCCCTCTGTCCAAGGAGCAGCTGTAAGGAGA
AGAGGGATTTCAATTTGTTGGTGGCTGTTACCTTGTCTGTAAGTCAAACCTGGAGTTGAGCAGTGCCTT
TTAAACGATTCCTTTTGACGCTAAAATTTACAGGGCTATTTCTAATACGTAAGCAAATGTTACCATT
GACTTTATTAATAAAAATATAGTTTTGCTTTGCA
ACGCGTAAGCGGCCGCGCATCTAGATTGCAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTTGATTCCACCGCCGCTTCTATGAAAGG

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Restriction Sites: Sgfl-Mlul



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<b>OTI Disclaimer:</b>	Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences , e.g., single nucleotide polymorphisms (SNPs).
<b>Components:</b>	The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.
<b>RefSeq:</b>	<u><a href="#">NM_005614.4</a></u>
<b>Summary:</b>	This gene is a member of the small GTPase superfamily and encodes a lipid-anchored, cell membrane protein with five repeats of the RAS-related GTP-binding region. This protein is vital in regulation of growth and cell cycle progression due to its role in the insulin/TOR/S6K signaling pathway. The protein has GTPase activity and shuttles between a GDP-bound form and a GTP-bound form, and farnesylation of the protein is required for this activity. Three pseudogenes have been mapped, two on chromosome 10 and one on chromosome 22. [provided by RefSeq, Jul 2008]
<b>Locus ID:</b>	6009
<b>MW:</b>	43