Recombinant Human RHEB Protein, MYC/DDK-tagged

Cat. No. RHEB-1181H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human RHEB protein, fused to MYC/DDK tag at C-terminus, was expressed in HEK293.
Species	Human
Source	HEK293
Description	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]
Form	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10 % glycerol.
Molecular Mass	20.3 kDa
Purity	>50 ug/mL as determined by microplate BCA method
Concentration	>50 ug/mL as determined by microplate BCA method

GENE INFORMATION

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Gene Name	RHEB Ras homolog enriched in brain [Homo sapiens]
Official Symbol	RHEB
Synonyms	RHEB2
Gene ID	6009
mRNA Refseq	NM_005614
Protein Refseq	NP_005605
MIM	601293
UniProt ID	Q15382

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