

Recombinant Mouse Rheb Protein, Myc/DDK-tagged

Cat. No. Rheb-5504M Lot. No. (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length Ras homolog enriched in brain (Rheb), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Activates the protein kinase activity of mTORC1, and thereby plays a role in the regulation of apoptosis. Stimulates the phosphorylation of S6K1 and EIF4EBP1 through activation of mTORC1 signaling. Has low intrinsic GTPase activity.
Molecular Mass	20.5 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade after receiving vials.
Concentration	>50 µg/mL as determined by microplate BCA method
Storage Buffer	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

GENE INFORMATION

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Gene Name	Rheb Ras homolog enriched in brain [Mus musculus (house mouse)]
Official Symbol	Rheb
Synonyms	RHEB; Ras homolog enriched in brain; GTP-binding protein Rheb; RAS-homolog enriched in brain
Gene ID	19744
mRNA Refseq	NM_053075
Protein Refseq	NP_444305
UniProt ID	Q921J2

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