

Recombinant Full Length Human RHEB, His-tagged

Cat. No. RHEB-2289H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human RHEB protein, fused to His-tag, was expressed in E.coli and purified by Ni-sepharose.
Species	Human
Source	E.coli
ProteinLength	1-184aa
Storage	The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.
Storage Buffer	1M PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH8.) added with 300mM Imidazole and 0.7% Sarcosyl, 15% glycerol.

GENE INFORMATION

Gene Name	RHEB Ras homolog enriched in brain [Homo sapiens]
Official Symbol	RHEB
Synonyms	RHEB; Ras homolog enriched in brain; Ras homolog enriched in brain 2 , RHEB2; GTP-binding protein Rheb; Ras homolog enriched in brain 2; RHEB2; MGC111559;
Gene ID	6009

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mRNA Refseq	NM_005614
Protein Refseq	NP_005605
MIM	601293
UniProt ID	Q15382
Chromosome Location	7q36
Pathway	Energy dependent regulation of mTOR by LKB1-AMPK, organism-specific biosystem; IRS-mediated signalling, organism-specific biosystem; IRS-related events, organism-specific biosystem; Insulin Signaling, organism-specific biosystem; Insulin receptor signalli
Function	GTP binding; GTPase activity; metal ion binding; nucleotide binding;

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