

Ras Homolog Enriched in Brain Human Recombinant

Item Number	rAP-4361
Synonyms	RHEB2, GTP-binding protein Rheb, MGC111559, Ras homolog enriched in brain, RHEB.
Description	RHEB Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 197 amino acids (1-181 amino acids) and having a molecular mass of 21.7 kDa. The RHEB is fused to T7-tag at N-terminus (16 a.a.) and is purified by standard chromatography techniques.
Uniprot Accession Number	Q15382
Amino Acid Sequence	MASMTGGQQM GRGSASMPQS KSRKIAILGY RSVGKSSLTI QFVEGQFVDS YDPTIENTFT KLITVNGQEY HLQLVDTAGQ DEYSIFPQTY SIDINGYILV YSVTSIKSFE VIKVIHGKLL DMVGKVQIPI MLVGNKKDLH MERVISYEEG KALAESWNAA FLESSAKENQ TAVDVFRRII LEAEKMDGAA SQGKSSC.
Source	Escherichia Coli.
Physical Appearance and Stability	Sterile Filtered colorless solution. Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.
Formulation and Purity	The RHEB protein solution (1mg/ml) contains 20mM Tris-HCl pH-8, 1mM DTT and 10% glycerol. Greater than 95.0% as determined by SDS-PAGE.
Application	
Solubility	
Biological Activity	
Shipping Format and Condition	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**