

Recombinant Mouse Rabep1 Protein, Myc/DDK-tagged

Cat. No. Rabep1-5336M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length rabaptin, RAB GTPase binding effector protein 1 (Rabep1), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Rab effector protein acting as linker between gamma-adaptin, RAB4A and RAB5A. Involved in endocytic membrane fusion and membrane trafficking of recycling endosomes. Involved in KCNH1 channels trafficking to and from the cell membrane. Stimulates RABGEF1 mediated nucleotide exchange on RAB5A. Mediates the traffic of PKD1:PKD2 complex from the endoplasmic reticulum through the Golgi to the cilium.
Molecular Mass	99.7 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

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Storage Buffer 25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

GENE INFORMATION

Gene Name Rabep1 rabaptin, RAB GTPase binding effector protein 1 [Mus musculus (house mouse)]

Official Symbol Rabep1

Synonyms RABEP1; rabaptin, RAB GTPase binding effector protein 1; rab GTPase-binding effector protein 1; rabaptin 5; neurocrescin; rabaptin-5alpha; RAB5 effector protein; Rab5ep; AA409789; AI481320; AV213537; AW240603; rabaptin-5; MGC150053; MGC150054

Gene ID 54189

mRNA Refseq NM_019400

Protein Refseq NP_062273

UniProt ID O35551

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA