

## Recombinant Mouse Rabep1 Protein, Myc/DDK-tagged

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

### SPECIFICATION

<b>Product Overview</b>	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.
<b>Species</b>	Mouse
<b>Source</b>	HEK293
<b>Description</b>	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.
<b>Molecular Mass</b>	99.7 kDa
<b>Purity</b>	> 80% as determined by SDS-PAGE and Coomassie blue staining
<b>Stability</b>	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
<b>Storage</b>	Store at -80 centigrade after receiving vials.
<b>Concentration</b>	>50 µg/mL as determined by microplate BCA method

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**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

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