

Recombinant Mouse Rab39 Protein, Myc/DDK-tagged

Cat. No. Rab39-5315M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length RAB39, member RAS oncogene family (Rab39), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Plays a role in the maturation and acidification of phagosomes that engulf pathogens, such as <i>S.aureus</i> and <i>M.tuberculosis</i> . Plays a role in vesicular trafficking. Plays a role in the fusion of phagosomes with lysosomes. Negatively regulates LPS-induced autophagosome formation in macrophages possibly by implicating PI3K. May be involved in multiple neurite formation.
Molecular Mass	25.4 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.

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GENE INFORMATION

Gene Name	Rab39 RAB39, member RAS oncogene family [Mus musculus (house mouse)]
Official Symbol	Rab39
Synonyms	RAB39; RAB39, member RAS oncogene family; ras-related protein Rab-39A; rab-39; Rab39a; C230094F14Rik
Gene ID	270160
mRNA Refseq	NM_175562
Protein Refseq	NP_780771
UniProt ID	Q8BHD0

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