Recombinant Mouse Rabgap1l Protein, Myc/DDK-tagged

Cat. No. Rabgap1l-5338M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length RAB GTPase activating protein 1-like (Rabgap1l), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	GTP-hydrolysis activating protein (GAP) for small GTPase RAB22A, converting active RAB22A-GTP to the inactive form RAB22A-GDP. Plays a role in endocytosis and intracellular protein transport. Recruited by ANK2 to phosphatidylinositol 3-phosphate (PI3P)-positive early endosomes, where it inactivates RAB22A, and promotes polarized trafficking to the leading edge of the migrating cells. Part of the ANK2/RABGAP1L complex which is required for the polarized recycling of fibronectin receptor ITGA5 ITGB1 to the plasma membrane that enables continuous directional cell migration.
Molecular Mass	43.2 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.

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Concentration	>50 μg/mL as determined by microplate BCA method
Storage Buffer	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

GENE INFORMATION

Gene Name	Rabgap1l RAB GTPase activating protein 1-like [Mus musculus (house mouse)]
Official Symbol	Rabgap1l
Synonyms	RABGAP1L; RAB GTPase activating protein 1-like; rab GTPase-activating protein 1-like; rab6 GTPase activating protein-like; HHL; Hh1; AW049894; mKIAA0471; 5830411O09Rik; 8430421H08Rik; 9630005B12Rik
Gene ID	29809
mRNA Refseq	NM_001038621
Protein Refseq	NP_001033710
UniProt ID	A6H6A9

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