

Recombinant Mouse Rabgef1 Protein, Myc/DDK-tagged

Cat. No. Rabgef1-5339M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length RAB guanine nucleotide exchange factor (GEF) 1 (Rabgef1), 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 or RAB5A. Involved in endocytic membrane fusion and membrane trafficking of recycling endosomes. Stimulates nucleotide exchange on RAB5A. Can act as a ubiquitin ligase.
Molecular Mass	57.3 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	Rabgef1 RAB guanine nucleotide exchange factor (GEF) 1 [Mus musculus (house mouse)]
Official Symbol	Rabgef1
Synonyms	RABGEF1; RAB guanine nucleotide exchange factor (GEF) 1; rab5 GDP/GTP exchange factor; rabex-5; Rab5 exchange factor; Ras negative regulator Rabex-5; Ras negative regulator Rabex-5/Rin2; Rin2; Rab5ef; Rabex5
Gene ID	56715
mRNA Refseq	NM_019983
Protein Refseq	NP_064367
UniProt ID	Q9JM13

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