Recombinant Full Length Mouse Rab3ip Protein, Myc/DDK-tagged

Cat. No. Rab3ip-5321M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length RAB3A interacting protein (Rab3ip), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Guanine nucleotide exchange factor (GEF) which may activate RAB8A and RAB8B. Promotes the exchange of GDP to GTP, converting inactive GDP-bound Rab proteins into their active GTP-bound form. Mediates the release of GDP from RAB8A and RAB8B but not from RAB3A or RAB5. Modulates actin organization and promotes polarized transport of RAB8A-specific vesicles to the cell surface. Together with RAB11A, RAB8A, the exocyst complex, PARD3, PRKCI, ANXA2, CDC42 and DNMBP promotes transcytosis of PODXL to the apical membrane initiation sites (AMIS), apical surface formation and lumenogenesis.
Molecular Mass	47.1 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	Rab3ip RAB3A interacting protein [Mus musculus (house mouse)]
Official Symbol	Rab3ip
Synonyms	RAB3IP; RAB3A interacting protein; rab-3A-interacting protein; rabin-3; gene trap PAT 12; SSX2 interacting protein; SSX2-interacting protein; RAB3A-interacting protein; Rabin3; Gtpat12; B230311A06; MGC90794
Gene ID	216363
mRNA Refseq	NM_001003950
Protein Refseq	NP_001003950
UniProt ID	Q68EF0

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