

Recombinant Mouse Rab27b Protein, Myc/DDK-tagged

Cat. No. Rab27b-5303M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length RAB27B, member RAS oncogene family (Rab27b), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Small GTPase which cycles between active GTP-bound and inactive GDP-bound states. In its active state, binds to a variety of effector proteins to regulate homeostasis of late endocytic pathway, including endosomal positioning, maturation and secretion. Plays a role in NTRK2/TRKB axonal anterograde transport by facilitating the association of NTRK2/TRKB with KLC1. May be involved in targeting uroplakins to urothelial apical membranes.
Molecular Mass	24.6 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

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Storage Buffer 25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

GENE INFORMATION

Gene Name Rab27b RAB27B, member RAS oncogene family [Mus musculus (house mouse)]

Official Symbol Rab27b

Synonyms RAB27B; RAB27b, member RAS oncogene family; ras-related protein Rab-27B; 2310021G14Rik; B130064M09Rik

Gene ID 80718

mRNA Refseq NM_030554

Protein Refseq NP_085031

UniProt ID Q99P58

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