

Recombinant Mouse Rap1b Protein, Myc/DDK-tagged

Cat. No. Rap1b-5372M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length RAS related protein 1b (Rap1b), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	GTP-binding protein that possesses intrinsic GTPase activity. Contributes to the polarizing activity of KRIT1 and CDH5 in the establishment and maintenance of correct endothelial cell polarity and vascular lumen. Required for the localization of phosphorylated PRKCZ, PARD3 and TIAM1 to the cell junction. Plays a role in the establishment of basal endothelial barrier function.
Molecular Mass	21.3 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	Rap1b RAS related protein 1b [Mus musculus (house mouse)]
Official Symbol	Rap1b
Synonyms	RAP1B; RAS related protein 1b; ras-related protein Rap-1b; GTP-binding protein smg p21B; 2810443E11Rik
Gene ID	215449
mRNA Refseq	NM_024457
Protein Refseq	NP_077777
UniProt ID	Q99JI6

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