

## Recombinant Mouse Rap2b Protein, Myc/DDK-tagged

Cat. No. Rap2b-5375M Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Purified recombinant protein of mouse full-length RAP2B, member of RAS oncogene family (Rap2b), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
<b>Species</b>	Mouse
<b>Source</b>	HEK293
<b>Description</b>	Small GTP-binding protein which cycles between a GDP-bound inactive and a GTP-bound active form. Involved in EGFR and CHRM3 signaling pathways through stimulation of PLCE1. May play a role in cytoskeletal rearrangements and regulate cell spreading through activation of the effector TNIK. May regulate membrane vesiculation in red blood cells.
<b>Molecular Mass</b>	20.5 kDa
<b>Purity</b>	> 80% as determined by SDS-PAGE and Coomassie blue staining
<b>Stability</b>	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
<b>Storage</b>	Store at -80 centigrade after receiving vials.
<b>Concentration</b>	>50 µg/mL as determined by microplate BCA method
<b>Storage Buffer</b>	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

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## GENE INFORMATION

**Gene Name** Rap2b RAP2B, member of RAS oncogene family [ Mus musculus (house mouse) ]

**Official Symbol** Rap2b

**Synonyms** RAP2B; RAP2B, member of RAS oncogene family; ras-related protein Rap-2b; AA408554; 4021402C18Rik

**Gene ID** 74012

**mRNA Refseq** NM\_028712

**Protein Refseq** NP\_082988

**UniProt ID** P61226

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