

Recombinant Mouse Rab3gap1 Protein, Myc/DDK-tagged

Cat. No. Rab3gap1-5319M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length RAB3 GTPase activating protein subunit 1 (Rab3gap1), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Probable catalytic subunit of a GTPase activating protein that has specificity for Rab3 subfamily (RAB3A, RAB3B, RAB3C and RAB3D). Rab3 proteins are involved in regulated exocytosis of neurotransmitters and hormones. Specifically converts active Rab3-GTP to the inactive form Rab3-GDP. Required for normal eye and brain development. May participate in neurodevelopmental processes such as proliferation, migration and differentiation before synapse formation, and non-synaptic vesicular release of neurotransmitters.
Molecular Mass	110.6 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 [Rab3gap1 RAB3 GTPase activating protein subunit 1 \[Mus musculus \(house mouse\) \]](#)

Official Symbol [Rab3gap1](#)

Synonyms RAB3GAP1; RAB3 GTPase activating protein subunit 1; rab3 GTPase-activating protein catalytic subunit; rab3-GAP p130; RAB3 GTPase-activating protein 130 kDa subunit; p130; Rab3gap; AL117896; 1700003B17Rik; 4732493F09Rik

Gene ID [226407](#)

mRNA Refseq [NM_178690](#)

Protein Refseq [NP_848805](#)

UniProt ID [Q80UJ7](#)

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