

Recombinant Mouse Rgp1 Protein, Myc/DDK-tagged

Cat. No. Rgp1-5489M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length RAB6A GEF complex partner 1 (Rgp1), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	The RIC1-RGP1 complex acts as a guanine nucleotide exchange factor (GEF), which activates RAB6A by exchanging bound GDP for free GTP and may thereby required for efficient fusion of endosome-derived vesicles with the Golgi compartment. The RIC1-RGP1 complex participates in the recycling of mannose-6-phosphate receptors.
Molecular Mass	42.5 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	Rgp1 RAB6A GEF complex partner 1 [Mus musculus (house mouse)]
Official Symbol	Rgp1
Synonyms	Rgp1; RAB6A GEF complex partner 1; AI527196; mKIAA0258; F730001J03; 1110029E03Rik; RAB6A-GEF complex partner protein 2; RGP1 retrograde golgi transport homolog; retrograde Golgi transport protein RGP1 homolog
Gene ID	242406
mRNA Refseq	NM_172866
Protein Refseq	NP_766454
UniProt ID	Q8BHT7

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