

Recombinant Mouse Rab12 Protein, Myc/DDK-tagged

Cat. No. Rab12-5289M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length RAB12, member RAS oncogene family (Rab12), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	The small GTPases Rab are key regulators of intracellular membrane trafficking, from the formation of transport vesicles to their fusion with membranes. Rabs cycle between an inactive GDP-bound form and an active GTP-bound form that is able to recruit to membranes different set of downstream effectors directly responsible for vesicle formation, movement, tethering and fusion. That Rab may play a role in protein transport from recycling endosomes to lysosomes regulating, for instance, the degradation of the transferrin receptor. Involved in autophagy.
Molecular Mass	27.3 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

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

GENE INFORMATION

Gene Name Rab12 RAB12, member RAS oncogene family [Mus musculus (house mouse)]

Official Symbol Rab12

Synonyms Rab12; RAB12, member RAS oncogene family; C77700; AW555448; 2900054P15Rik; ras-related protein Rab-12; rab-13

Gene ID 19328

mRNA Refseq NM_024448

Protein Refseq NP_077768

UniProt ID P35283

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