

Recombinant Mouse Rab22a Protein, Myc/DDK-tagged

Cat. No. Rab22a-5298M Lot. No. (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length RAB22A, member RAS oncogene family (Rab22a), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Plays a role in endocytosis and intracellular protein transport. Mediates trafficking of TF from early endosomes to recycling endosomes. Required for NGF-mediated endocytosis of NTRK1, and subsequent neurite outgrowth. Binds GTP and GDP and has low GTPase activity. Alternates between a GTP-bound active form and a GDP-bound inactive form.
Molecular Mass	21.8 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	Rab22a RAB22A, member RAS oncogene family [<i>Mus musculus</i> (house mouse)]
Official Symbol	Rab22a
Synonyms	RAB22A; RAB22A, member RAS oncogene family; ras-related protein Rab-22A; rab-14; rab-22; RAB22, member RAS oncogene family; Rab22; AI662177; AW319644; AW550514; 3732413A17Rik; E130120E14Rik
Gene ID	19334
mRNA Refseq	NM_024436
Protein Refseq	NP_077756
UniProt ID	P35285

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