

Recombinant Mouse Rab27a Protein, MYC/DDK-tagged

Cat. No. Rab27a-658M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of full-length mouse RAB27A, member RAS oncogene family (Rab27a), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	The protein encoded by this gene is a member of the Rab family of proteins, which is the largest family within the Ras superfamily of GTPases. This gene product is thought to regulate vesicular transport, together with its specific effectors. Mutations in this gene cause several defects, including actin-based melanosome transport defects and immunodeficiency. Mutations in the human ortholog of this gene are associated with Griscelli syndrome type 2. Alternative splicing results in multiple transcript variants.
Molecular Mass	25 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 Rab27a RAB27A, member RAS oncogene family [*Mus musculus* (house mouse)]

Official Symbol Rab27a

Synonyms Rab27a; RAB27A, member RAS oncogene family; ash; 2210402C08Rik; 2410003M20Rik; 4933437C11Rik; ras-related protein Rab-27A; ashen; EC 3.6.5.2

Gene ID 11891

mRNA Refseq NM_023635

Protein Refseq NP_076124

UniProt ID Q9ERI2

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