

## Recombinant Mouse Rab27a Protein, MYC/DDK-tagged

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

### SPECIFICATION

<b>Product Overview</b>	Purified recombinant protein of full-length mouse RAB27A, member RAS oncogene family (Rab27a), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
<b>Species</b>	Mouse
<b>Source</b>	HEK293
<b>Description</b>	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.
<b>Molecular Mass</b>	25 kDa
<b>Purity</b>	>80% as determined by SDS-PAGE and Coomassie blue staining
<b>Stability</b>	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
<b>Storage</b>	Store at -80 centigrade after receiving vials.
<b>Concentration</b>	>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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