

## Active Recombinant Mouse RAB24, member RAS oncogene family, GST-tagged

**Cat. No.** Rab24-1104M    **Lot. No.** (See product label)

### SPECIFICATION

#### Product Overview

|                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|--------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Species</b>     | Mouse                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Source</b>      | E.coli                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>Description</b> | <p>Rab24 is a small GTPase that belongs to the Ras superfamily. Rab proteins play an important role in various aspects of membrane traffic, including cargo selection, vesicle budding, vesicle motility, tethering, docking, and fusion. Rab24 possesses several unusual characteristics that distinguish it from other Rab proteins. Rab24 exists predominantly in the GTP state when expressed in cultured cells. The low GTPase activity is related to the presence of serine instead of glutamine at the position cognate to Ras Gln-61. Rab24 was found in the endoplasmic reticulum/cis-Golgi region and on late endosomal structures. The localization of Rab24 may indicate its involvement in autophagyrelated processes. The GST-Tag facilitates the protein's application in typical GST pull-down assays.</p> |
| <b>Usage</b>       | For in vitro use only.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>Form</b>        | Liquid. Supplied in 25 mM HEPES pH 7.2, 40 mM NaCl, 2 mM MgCl <sub>2</sub> , 10 µM GDP, and 3 mM DTE.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Activity</b>    | 100 pmol of protein can bind > 80 pmol of GDP.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |

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**Purity** > 90% by SDS-PAGE.

**Storage** Quality guaranteed for 12 months, store at -80°C. Avoid freeze / thaw cycles.

## GENE INFORMATION

**Gene Name** Rab24 RAB24, member RAS oncogene family [ Mus musculus ]

**Synonyms** Rab24; RAB24, member RAS oncogene family; 6530406O07Rik

**Gene ID** 19336

**mRNA Refseq** NM\_009000

**Protein Refseq** NP\_033026

**UniProt ID** P35290

**Function** GTP binding; nucleotide binding

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