# Active Recombinant Mouse RAB17, Member RAS Oncogene Family

**Cat. No.** Rab17-1098M **Lot. No.** (See product label)

## SPECIFICATION

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|---|---|
| **Product Overview** | |
| **Species** | Mouse |
| **Source** | E.coli |
| **Description** | Rab17 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. The small GTPase Rab17 is restricted to epithelial cells and its expression is induced during cell polarization. In addition to the network of ubiquitous Rab GTPases, a set of epithelia-specific Rab proteins, including Rab17, Rab18, Rab20, and Rab25, facilitates endocytic and transcytotic transport to the apical and basolateral plasma membranes. |
| **Usage** | For in vitro use only. |
| **Form** | Liquid. Supplied in 25 mM HEPES pH 7.2, 40 mM NaCl, 2 mM MgCl2, 10 μM GDP, and 3 mM DTE. |
| **Activity** | 100 pmol of protein can bind > 80 pmol of GDP. |
| **Purity** | > 90% by SDS-PAGE. |
| **Storage** | Quality guaranteed for 12 months, store at -80℃. Avoid freeze / thaw cycles. |

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## GENE INFORMATION

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| **Gene Name** | Rab17 RAB17, member RAS oncogene family [ Mus musculus ] |
| **Synonyms** | Rab17; RAB17, member RAS oncogene family; AW413472 |
| **Gene ID** | 19329 |
| **mRNA Refseq** | NM_001159725 |
| **Protein Refseq** | NP_001153197 |
| **UniProt ID** | P35292 |
| **Function** | GTP binding; nucleotide binding |

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