

Active Recombinant Mouse RAB24, member RAS oncogene family

Cat. No. Rab24-1103M Lot. No. (See product label)

SPECIFICATION

Species Mouse

Source E.coli

Description 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.

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°C. Avoid freeze / thaw cycles.

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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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