

Active Recombinant Mouse RAB24, member RAS oncogene family

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

SPECIFICATION

Product Overview

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 MgCl ₂ , 10 μM GDP, and 3 mM DTE.
Activity	100 pmol of protein can bind > 80 pmol of GDP.
Purity	> 90% by SDS-PAGE.

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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]
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Synonyms	Rab24; RAB24, member RAS oncogene family; 6530406O07Rik
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Gene ID	19336
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mRNA Refseq	NM_009000
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Protein Refseq	NP_033026
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UniProt ID	P35290
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Function	GTP binding; nucleotide binding
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