

Active Recombinant Rat RAB14, Member RAS Oncogene Family

Cat. No. Rab14-1097R **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species	Rat
Source	E.coli
Description	Rab14 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. Rab14 is involved in phagosome and early endosome fusion. It also plays an important role in trafficking between early endosomes and Golgi. Therefore it is located in the rough ER, Golgi/trans-Golgi and early endosomes.
Usage	For in vitro use only.
Form	Liquid. Supplied in 50 mM Tris-HCl, pH 8.0, 100 mM NaCl, 10 mM MgCl ₂ , 10 µM GDP, and 2 mM mercaptoethanol.
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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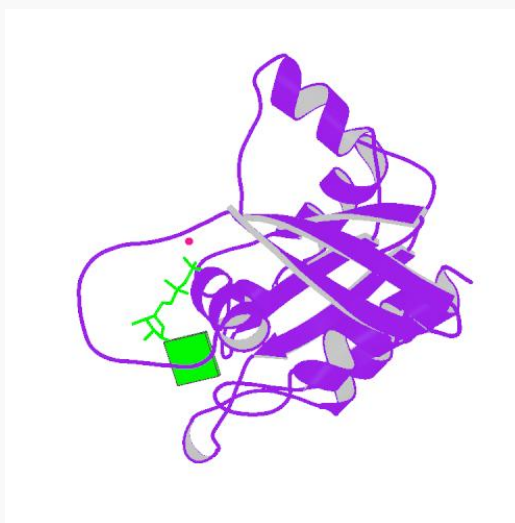
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GENE INFORMATION

Gene Name	Rab14 RAB14, member RAS oncogene family [<i>Rattus norvegicus</i>]
Synonyms	Rab14; RAB14, member RAS oncogene family; GTPase Rab14
Gene ID	94197
mRNA Refseq	NM_053589
Protein Refseq	NP_446041
UniProt ID	P61107
Function	GTP binding; GTPase activity; glycoprotein binding; protein binding

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