

Active Recombinant Human RAB9A, Member RAS Oncogene Family, GST-His

Cat. No. RAB9A-1119H **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species	Human
Source	E.coli
Description	Rab9 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. Rab9 is found in late endosomes and is involved in lysosomal enzyme and cholesterol trafficking. It functions in transport between late endosomes and the trans Golgi network. The GST-Tag facilitates the protein's application in typical GST pull-down assays.
Form	Liquid. Supplied in 50 mM Tris-HCl, pH 8.0, 100mM NaCl, 10 mM MgCl ₂ , 10μM GDP, and 2 mM mercaptoethanol.
Purity	≥90% by SDS-PAGE.
Activity	100 pmol of protein can bind > 80 pmol of GDP.
Usage	For in vitro use only.
Storage	Quality guaranteed for 12 months store at -80°C. Avoid freeze / thaw cycles.

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GENE INFORMATION

Gene Name	RAB9A RAB9A, member RAS oncogene family [Homo sapiens]
Synonyms	RAB9A; RAB9A, member RAS oncogene family; RAB9; RAB9, member RAS oncogene family
Gene ID	9367
mRNA Refseq	NM_004251
Protein Refseq	NP_004242
MIM	300284
UniProt ID	P51151
Chromosome Location	Xp22
Function	GTP binding; GTPase activity; nucleotide binding; protein binding

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