

Active Recombinant Human RAB31, Member RAS Oncogene Family, GST-tagged

Cat. No. RAB31-1108H Lot. No. (See product label)

SPECIFICATION

Product Overview

Species	Human
Source	E.coli
Description	Rab31 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 Rab31 GTPase is associated with early endosomes and trans Golgi. It regulates biosynthetic pathways from endosomes to Golgi. It plays an important role in phagosome maturation. The GST-Tag facilitates the protein's application in typical GST pull-down assays.
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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GENE INFORMATION

Gene Name	RAB31 RAB31, member RAS oncogene family [Homo sapiens]
Synonyms	RAB31; RAB31, member RAS oncogene family; Rab22B; Ras-related protein Rab-31; Rab-22B; RAB22B
Gene ID	11031
mRNA Refseq	NM_006868
Protein Refseq	NP_006859
MIM	605694
UniProt ID	Q13636
Chromosome Location	18p11.3
Pathway	Endocytosis
Function	GTP binding; GTPase activity; nucleotide binding

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