

Active Recombinant Human RAB4B, Member RAS Oncogene Family, GST-tagged

Cat. No. RAB4B-1114H Lot. No. (See product label)

SPECIFICATION

Product Overview

Species	Human
Source	E.coli
Description	Rab4B 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. Rab4 is associated with early endosomes and regulates recycling vesicle formation. Together with Rab5 it acts to control influx and efflux out of early endosomes. 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.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

GENE INFORMATION

Gene Name	RAB4B RAB4B, member RAS oncogene family [Homo sapiens]
Synonyms	RAB4B; RAB4B, member RAS oncogene family; FLJ78649; MGC52123; ras-related GTP-binding protein 4b; small GTP binding protein RAB4B; Ras-related protein Rab-4B
Gene ID	53916
mRNA Refseq	NM_016154
Protein Refseq	NP_057238
MIM	612945
UniProt ID	P61018
Chromosome Location	19q13.2
Function	GTP binding; GTPase activity; nucleotide binding

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