

Active Recombinant Human RAB34, Member RAS Oncogene Family, GST-tagged

Cat. No. RAB34-1110H **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species	Human
Source	E.coli
Description	Rab34 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 GTPase Rab 34 is restricted to cell surface membrane ruffles and lysosomes. It regulates the spatial distribution of lysosomes and is required for formation of macropinosomes. 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	RAB34 RAB34, member RAS oncogene family [Homo sapiens]
Synonyms	RAB34; RAB34, member RAS oncogene family; Ras-related protein Rab-39; RAH; RAB39; Ras-related protein Rah; OTTHUMP00000163525
Gene ID	83871
mRNA Refseq	NM_001142624
Protein Refseq	NP_001136096
MIM	610917
UniProt ID	Q9BZG1
Chromosome Location	17q11.2
Function	GTP binding; GTPase activity; nucleotide binding; guanyl nucleotide binding

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