

Active Recombinant Human RAB37, Member RAS Oncogene Family, GST-tagged

Cat. No. RAB37-1111H Lot. No. (See product label)

SPECIFICATION

Product Overview

Species	Human
Source	E.coli
Description	Rab37 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. Rab37 is localized in secretory granules, specifically in insulin and mast cell granules. It may be involved in mast cell degranulation. 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	RAB37 RAB37, member RAS oncogene family [Homo sapiens]
Synonyms	RAB37; RAB37, member RAS oncogene family; FLJ30284; FLJ32507; Ras-related protein Rab-37; RAB37, member of RAS oncogene family
Gene ID	326624
mRNA Refseq	NM_001006638
Protein Refseq	NP_001006639
MIM	609956
UniProt ID	Q96AX2
Chromosome Location	17q25.2
Function	GTP binding; nucleotide binding

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