Active Recombinant Human RAB32, Member RAS Oncogene Family

Cat. No. RAB32-1109H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	
Species	Human
Source	E.coli
Description	Rab32 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. Rab 32 is localized in perinuclear vesicles and mitochondria and regulates melanosome transport and mitochondrial fission.It may participate in adaptation to changing energy requirements during growth.
Usage	For in vitro use only.
Form	Liquid. Supplied in 50 mM Tris-HCl pH 8.0, 100 mM NaCl, 10 mM MgCl2, 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℃. Avoid freeze / thaw cycles.

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GENE INFORMATION

Gene Name	RAB32 RAB32, member RAS oncogene family [Homo sapiens]
Synonyms	RAB32; RAB32, member RAS oncogene family; Ras-related protein Rab-32; OTTHUMP00000017369
Gene ID	10981
mRNA Refseq	NM_006834
Protein Refseq	NP_006825
MIM	612906
UniProt ID	Q13637
Chromosome Location	6q24.2
Function	GTP binding; nucleotide binding

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