Recombinant Human RAB4A

Cat. No. RAB4A-31276TH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant full length Human Rab4; amino acids 1-213, MWt 23.9kDa.
Species	Human
Source	E.coli
ProteinLength	1-213 a.a.
Description	Ras-related protein Rab-4A is a protein that in humans is encoded by the RAB4A gene.
Biological activity	Activity:100 pmol of protein can bind >80 pmol of GDP.
Form	Liquid
Purity	>90% by SDS-PAGE
Storage buffer	Preservative: NoneConstituents: 25mM HEPES, 2mM DTE (1, 4-Dithioerythritol), 100mM Sodium chloride, 10mM Magnesium chloride, 0.01mM GDP, pH 7.2
Storage	Shipped on dry ice. Upon delivery aliquot and store at -80oC. Avoid freeze / thaw cycles.
Sequence Similarities	Belongs to the small GTPase superfamily. Rab family.

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Full Length	Full L.

GENE INFORMATION

Gene Name	RAB4A RAB4A, member RAS oncogene family [Homo sapiens]
Official Symbol	RAB4A
Synonyms	RAB4A; RAB4A, member RAS oncogene family; RAB4; ras-related protein Rab-4A; HRES 1/RAB4;
Gene ID	5867
mRNA Refseq	NM_004578
Protein Refseq	NP_004569
MIM	179511
Uniprot ID	P20338
Chromosome Location	1q42-q43
Pathway	Endocytosis, organism-specific biosystem; Endocytosis, conserved biosystem; Insulin Signaling, organism-specific biosystem; Signaling events mediated by TCPTP, organism-specific biosystem;
Function	ATPase activator activity; ATPase binding; GDP binding; GTP binding; GTPase activity;

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