

Active Recombinant Full Length Human RAB6A Protein, Untagged

Cat. No. RAB6A-31277TH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant full length Human RAB6A, amino acids 1-208, MWt 23.5kDa.
Species	Human
Source	E.coli
ProteinLength	1-208 a.a.
Description	This gene encodes a member of the RAB family, which belongs to the small GTPase superfamily. GTPases of the RAB family bind to various effectors to regulate the targeting and fusion of transport carriers to acceptor compartments. This protein is located at the Golgi apparatus, which regulates trafficking in both a retrograde (from early endosomes and Golgi to the endoplasmic reticulum) and an anterograde (from the Golgi to the plasma membrane) directions. Myosin II is an effector of this protein in these processes. This protein is also involved in assembly of human cytomegalovirus (HCMV) by interacting with the cellular protein Bicaudal D1, which interacts with the HCMV virion tegument protein, pp150. Multiple alternatively spliced transcript variants encoding different isoforms have been identified.
Biological activity	Activity:100 pmol of protein can bind >80 pmol of GDP.
Form	Liquid
Purity	>90% by SDS-PAGE

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Storage buffer	Preservative: None Constituents: 50mM Sodium chloride, 50mM Magnesium chloride, 40mM HEPES, 3mM DTE (1, 4-Dithioerythritol), 0.01mM GDP, pH 7.2
Storage	Shipped on dry ice. Upon delivery aliquot and store at -80oC. Avoid freeze / thaw cycles.
Full Length	Full L.

GENE INFORMATION

Gene Name	RAB6A RAB6A, member RAS oncogene family [Homo sapiens]
Official Symbol	RAB6A
Synonyms	RAB6A; RAB6A, member RAS oncogene family; RAB6; ras-related protein Rab-6A;
Gene ID	5870
mRNA Refseq	NM_001243718
Protein Refseq	NP_001230647
MIM	179513
Uniprot ID	P20340
Chromosome Location	11q13.3
Function	GTP binding; GTP binding; GTPase activity; nucleotide binding; protein binding;

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