

Recombinant Human RAB6A Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. RAB6A-3393H **Lot. No.** (See product label)

SPECIFICATION

Product Overview

RAB6A MS Standard C13 and N15-labeled recombinant protein (NP_002860) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.

Species

Human

Source

HEK293

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.

Molecular Mass

23.5 kDa

AA Sequence

MSTGGDFGNPLRKFKLVFLGEQSVGKTSLITRFMYDSFDNTYQATIGIDFLSKTMYLE
DRTIRLQLWDTAGQERFRSLIPSYIRDSAAAVVVYDITNVNSFQQTTKWIDDVRTERG
SDVIIMLVGNKTDLADKRQVSIEEGERKAKELNVMFIETSAKAGYNVKQLFRRVAAAL

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PGMESTQDRSREDMIDIKLEKPQEQPVSEGGCSTRTRPLEQKLISEEDLAANDILD
YKDDDDKV

Purity > 80% as determined by SDS-PAGE and Coomassie blue staining

Stability Stable for 3 months from receipt of products under proper storage and handling conditions.

Storage Store at -80 centigrade. Avoid repeated freeze-thaw cycles.

Concentration 50 µg/mL as determined by BCA

Storage Buffer 100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name RAB6A RAB6A, member RAS oncogene family [Homo sapiens (human)]

Official Symbol RAB6A

Synonyms RAB6A; RAB6A, member RAS oncogene family; RAB6; ras-related protein Rab-6A; Rab GTPase; RAB6, member RAS oncogene family;

Gene ID 5870

mRNA Refseq NM_002869

Protein Refseq NP_002860

MIM 179513

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UniProt ID

P20340

SDS-PAGE



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