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

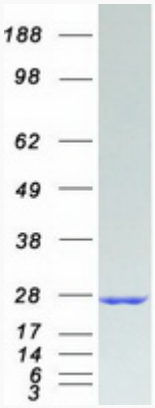
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	PGMESTQDRSREDMIDIKLEKPQEQPVSEGGCSCTRTRPLEQKLISEEDLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	Store 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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