

Recombinant Human RAB21 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. RAB21-3903H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	RAB21 MS Standard C13 and N15-labeled recombinant protein (NP_055814) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	This gene belongs to the Rab family of monomeric GTPases, which are involved in the control of cellular membrane traffic. The encoded protein plays a role in the targeted trafficking of integrins via its association with integrin alpha tails. As a consequence, the encoded protein is involved in the regulation of cell adhesion and migration. Expression of this gene is associated with a poor prognosis for glioma patients. This gene is downregulated by the tumor suppressor miR-200b, and miRNA-200b is itself downregulated in glioma tissues.
Molecular Mass	24.3 kDa
AA Sequence	MAAAGGGGGGAAAAGRAYSFKVVLLGEGCVGKTSVLRYCENKFNDKHITTLQASF LTKKLNIGGKRVNLAIWDTAGQERFHALGPIYYRDSNGAILVYDITDEDSFQKVKNWV KELRKMLGNEICLCIVGNKIDLEKERHVS IQEAE SYAESVGA KH YHTSAKQNK GIEEL FLDLCKRMIETAQVDERAKNGSSQPGTARRGVQIIDDEPQAQTSGGGCCSSGTRT RPLEQKLISEEDLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining

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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.

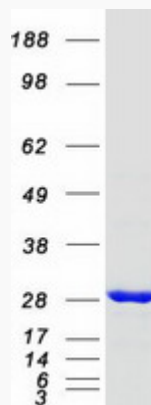
GENE INFORMATION

Gene Name	RAB21 RAB21, member RAS oncogene family [Homo sapiens (human)]
Official Symbol	RAB21
Synonyms	RAB21; RAB21, member RAS oncogene family; ras-related protein Rab-21; KIAA0118;
Gene ID	23011
mRNA Refseq	NM_014999
Protein Refseq	NP_055814
MIM	612398
UniProt ID	Q9UL25

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SDS-PAGE

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