

Recombinant Human RAB27A Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. RAB27A-3364H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	RAB27A MS Standard C13 and N15-labeled recombinant protein (NP_004571) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	The protein encoded by this gene belongs to the small GTPase superfamily, Rab family. The protein is membrane-bound and may be involved in protein transport and small GTPase mediated signal transduction. Mutations in this gene are associated with Griscelli syndrome type 2. Alternative splicing occurs at this locus and four transcript variants encoding the same protein have been identified.
Molecular Mass	24.9 kDa
AA Sequence	MSDGDYDYLIKFLALGDSGVGKTSVLYQYTDGKFNSKFITTVGIDFREKRVVYRASG PDGATGRGQRIHLQLWDTAGQERFRSLTTAFFRDAMGFLLLFDLTNEQSFLNVRNW ISQLQMHAYCENPDIVLCGNKSDLEDQRVVKEEEAIALAEKYGIPYFETSAANGTNIS QAIEMLLDLIMKRMERCVDKSWIPEGVVRNNGHASTDQLSEEKEKGACGCTRTRPL EQKLISEEDLAANDILDYKDDDDKV
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

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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 RAB27A RAB27A, member RAS oncogene family [Homo sapiens (human)]

Official Symbol RAB27A

Synonyms RAB27A; RAB27A, member RAS oncogene family; ras-related protein Rab-27A; GS2; HsT18676; RAB27; RAM; rab-27; GTP-binding protein Ram; MGC117246;

Gene ID 5873

mRNA Refseq NM_004580

Protein Refseq NP_004571

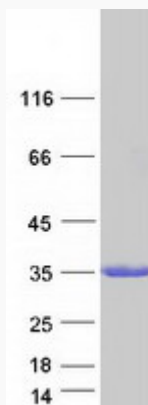
MIM 603868

UniProt ID P51159

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SDS-PAGE

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