

Recombinant Human RAB1A Protein, MYC/DDK-tagged, C13 and N15-labeled

Cat. No. RAB1A-023H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	RAB1A MS Standard C13 and N15-labeled recombinant protein (NP_004152) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	This gene encodes a member of the Ras superfamily of GTPases. Members of the gene family cycle between inactive GDP-bound and active GTP-bound forms. This small GTPase controls vesicle traffic from the endoplasmic reticulum to the Golgi apparatus. Multiple alternatively spliced transcript variants have been identified for this gene which encode different protein isoforms.
Molecular Mass	22.7 kDa
AA Sequence	MSSMNPEYDYLFKLLIGDSGVGKSCLLRFADDTYTESYISTIGVDFKIRTIELDGKTI KLQIWDTAGQERFRTITSSYYRGAHGIIVVDVTDQESFNNVKQWLQEIDRYASENV NKLLVGKNCDLTTKKVVDYTTAKEFADSLGIPFLETSAKNATNVEQSFMTMAAEIKKR MGPATAGGAEKSNVKIQSTPVKQSGGGCCTRTRPLEQKLISEEDLAANDILDYKD DDDKV
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 RAB1A RAB1A, member RAS oncogene family [Homo sapiens (human)]

Official Symbol RAB1A

Synonyms RAB1A; RAB1A, member RAS oncogene family; RAB1; YPT1; ras-related protein Rab-1A; GTP binding protein Rab1a; RAB1, member RAS oncogene family; Rab GTPase YPT1 homolog; YPT1-related protein

Gene ID 5861

mRNA Refseq NM_004161

Protein Refseq NP_004152

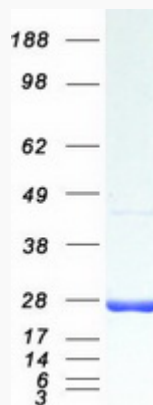
MIM 179508

UniProt ID P62820

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SDS-PAGE

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