Recombinant Human RAB23 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. RAB23-3038H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	RAB23 MS Standard C13 and N15-labeled recombinant protein (NP_057361) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	This gene encodes a small GTPase of the Ras superfamily. Rab proteins are involved in the regulation of diverse cellular functions associated with intracellular membrane trafficking, including autophagy and immune response to bacterial infection. The encoded protein may play a role in central nervous system development by antagonizing sonic hedgehog signaling. Disruption of this gene has been implicated in Carpenter syndrome as well as cancer. Alternative splicing results in multiple transcript variants.
Molecular Mass	26.7 kDa
AA Sequence	MLEEDMEVAIKMVVVGNGAVGKSSMIQRYCKGIFTKDYKKTIGVDFLERQIQVNDED VRLMLWDTAGQEEFDAITKAYYRGAQACVLVFSTTDRESFEAVSSWREKVVAEVGD IPTVLVQNKIDLLDDSCIKNEEAEALAKRLKLRFYRTSVKEDLNVNEVFKYLAEKYLQK LKQQIAEDPELTHSSSNKIGVFNTSGGSHSGQNSGTLNGGDVINLRPNKQRTKKNR NPFSSCSIPTRTRPLEQKLISEEDLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining

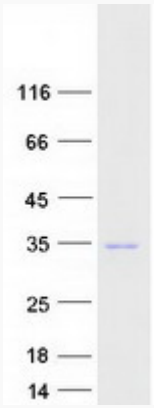
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Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 μg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name	RAB23 RAB23, member RAS oncogene family [Homo sapiens (human)]
Official Symbol	RAB23
Synonyms	RAB23; RAB23, member RAS oncogene family; ras-related protein Rab-23; RAB family small GTP binding protein RAB 23; HSPC137; MGC8900; DKFZp781H0695;
Gene ID	51715
mRNA Refseq	NM_016277
Protein Refseq	NP_057361
MIM	606144
UniProt ID	Q9ULC3

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SDS-PAGE	

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