Recombinant Human RAB30 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. RAB30-4126H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	RAB30 MS Standard C13 and N15-labeled recombinant protein (NP_055303) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	The small GTPases Rab are key regulators of intracellular membrane trafficking, from the formation of transport vesicles to their fusion with membranes. Rabs cycle between an inactive GDP-bound form and an active GTP-bound form that is able to recruit to membranes different set of downstream effectors directly responsible for vesicle formation, movement, tethering and fusion. Required for maintaining the structural integrity of the Golgi apparatus, possibly by mediating interactions with cytoplasmic scaffolding proteins.
Molecular Mass	23.1 kDa
AA Sequence	MSMEDYDFLFKIVLIGNAGVGKTCLVRRFTQGLFPPGQGATIGVDFMIKTVEINGEKV KLQIWDTAGQERFRSITQSYYRSANALILTYDITCEESFRCLPEWLREIEQYASNKVIT VLVGNKIDLAERREVSQQRAEEFSEAQDMYYLETSAKESDNVEKLFLDLACRLISEA RQNTLVNNVSSPLPGEGKSISYLTCCNFNTRTRPLEQKLISEEDLAANDILDYKDDDD KV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining

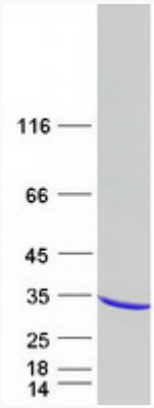
Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

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	RAB30 RAB30, member RAS oncogene family [Homo sapiens (human)]
Official Symbol	RAB30
Synonyms	RAB30; RAB30, member RAS oncogene family; ras-related protein Rab-30;
Gene ID	27314
mRNA Refseq	NM_014488
Protein Refseq	NP_055303
MIM	605693
UniProt ID	Q15771

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SDS-PAGE	

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