

Recombinant Human RAB18 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. RAB18-1657H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	RAB18 MS Standard C13 and N15-labeled recombinant protein (NP_067075) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	The protein encoded by this gene is a member of a family of Ras-related small GTPases that regulate membrane trafficking in organelles and transport vesicles. Knockdown studies in zebrafish suggest that this protein may have a role in eye and brain development. Mutations in this gene are associated with Warburg micro syndrome type 3. Alternatively spliced transcript variants have been found for this gene.
Molecular Mass	23 kDa
AA Sequence	MDEDVLTTLKILIIGESGVGKSSLLLRFTDDTFDPELAATIGVDFKVKTISVDGNKAKLA IWDTAGQERFRTLTPSYRGAQGVLVYDVTRRDTFVKLDNWLNELEYCTRNDIVN MLVGNNKIDKENREVDRNEGLKFARKHSMLFIEASAKTCDGVQCAFEELVEKIIQTPGL WESENQNKGVKLSHREEGQGGGACGGYCSVLTRTRPLEQKLISEEDLAANDILDYK DDDDKV
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	RAB18 RAB18, member RAS oncogene family [Homo sapiens (human)]
Official Symbol	RAB18
Synonyms	RAB18; RAB18, member RAS oncogene family; ras-related protein Rab-18; RAB18 small GTPase; WARBM3; RAB18LI1;
Gene ID	22931
mRNA Refseq	NM_021252
Protein Refseq	NP_067075
MIM	602207
UniProt ID	Q9NP72

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SDS-PAGE

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