

Recombinant Human RAB3IP Protein, MYC/DDK-tagged, C13 and N15-labeled

Cat. No. RAB3IP-260H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	RAB3IP MS Standard C13 and N15-labeled recombinant protein (NP_071901) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	Guanine nucleotide exchange factor (GEF) which may activate RAB8A and RAB8B. Promotes the exchange of GDP to GTP, converting inactive GDP-bound Rab proteins into their active GTP-bound form. Mediates the release of GDP from RAB8A and RAB8B but not from RAB3A or RAB5. Modulates actin organization and promotes polarized transport of RAB8A-specific vesicles to the cell surface. Together with RAB11A, RAB8A, the exocyst complex, PARD3, PRKCI, ANXA2, CDC42 and DNMBP promotes transcytosis of PODXL to the apical membrane initiation sites (AMIS), apical surface formation and lumenogenesis. [UniProtKB/Swiss-Prot Function]
Molecular Mass	51.1 kDa
AA Sequence	MANDPLEGFHEVNLASPTSPDLLGVYESGTQEQTTPSVIYRPHPSALSSVPIQANA LDVSELPTQPVYSSPRRLNCAEISSISFHVTDPA PCSTSGV TAGLTKLTTRKDNYN AE REFLQGATITEACDGSDDIFGLSTDSLRLRSPSVLEVREKGYERLKEELAKAQRELK LKDEECERLSKVRDQLGQELEELTASLFEEAHKMOVREANIKQATAEKQLKEAQQGKID

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VLQAEVAALKTLVLSSSPTSPTQEPLPGGKTPFKKGHTRNKSTSSAMSGSHQDLSVI
QPIVKDCKEADLSLYNEFRLWKDEPTMDRTCPFLDKIYQEDIFPCLTFSKSELASAVL
EAVENNTLSIEPVGLQPIRFVKASAVECGGPKKCALTGQSKSCKHRIKLGDSNNYYYI
SPFCRYRITSVCNFFTYIRYIQQGLVKQQDQDQMFWEVMQLRKEMSLAKLGYFKEE
LTRTRPLEQKLISEEDLAANDILDYKDDDDKV

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 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 [RAB3IP RAB3A interacting protein \(rabin3\) \[Homo sapiens \(human\) \]](#)

Official Symbol [RAB3IP](#)

Synonyms RAB3IP; RAB3A interacting protein (rabin3); rab-3A-interacting protein; RABIN3; rabin-3; SSX2 interacting protein; SSX2-interacting protein; rab3A-interacting protein; FLJ14660; FLJ22548; MGC71495;

Gene ID [117177](#)

mRNA Refseq [NM_022456](#)

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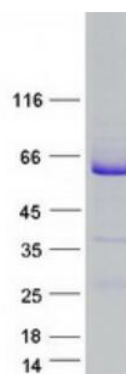
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Protein Refseq NP_071901

MIM 608686

UniProt ID Q96QF0

SDS-PAGE



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