

Product datasheet for **RC202271L4V**

RAB3IP (NM_001024647) Human Tagged ORF Clone Lentiviral Particle

Product data:

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| Product Type: | Lentiviral Particles |
| Product Name: | RAB3IP (NM_001024647) Human Tagged ORF Clone Lentiviral Particle |
| Symbol: | RAB3IP |
| Synonyms: | RABIN3; RABIN8 |
| Mammalian Cell Selection: | Puromycin |
| Vector: | pLenti-C-mGFP-P2A-Puro (PS100093) |
| Tag: | mGFP |
| ACCN: | NM_001024647 |
| ORF Size: | 762 bp |
| ORF Nucleotide Sequence: | The ORF insert of this clone is exactly the same as(RC202271). |
| OTI Disclaimer: | The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. More info |
| OTI Annotation: | This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene. |
| RefSeq: | NM_001024647.2 |
| RefSeq Size: | 8866 bp |
| RefSeq ORF: | 765 bp |
| Locus ID: | 117177 |
| UniProt ID: | Q96QF0 |
| Cytogenetics: | 12q15 |
| MW: | 28.6 kDa |



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Gene Summary:

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]