

Product datasheet for **RC201468L4V**

FAM65B (RIPOR2) (NM_015864) Human Tagged ORF Clone Lentiviral Particle

Product data:

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|---------------------------|--|
| Product Type: | Lentiviral Particles |
| Product Name: | FAM65B (RIPOR2) (NM_015864) Human Tagged ORF Clone Lentiviral Particle |
| Symbol: | RIPOR2 |
| Synonyms: | C6orf32; DFNB104; DIFF40; DIFF48; FAM65B; MYONAP; PL48 |
| Mammalian Cell Selection: | Puromycin |
| Vector: | pLenti-C-mGFP-P2A-Puro (PS100093) |
| Tag: | mGFP |
| ACCN: | NM_015864 |
| ORF Size: | 1773 bp |
| ORF Nucleotide Sequence: | The ORF insert of this clone is exactly the same as(RC201468). |
| 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_015864.2 |
| RefSeq Size: | 2462 bp |
| RefSeq ORF: | 1776 bp |
| Locus ID: | 9750 |
| UniProt ID: | Q9Y4F9 |
| Cytogenetics: | 6p22.3 |
| MW: | 65.7 kDa |


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Gene Summary:

This gene encodes an atypical inhibitor of the small G protein RhoA. Inhibition of RhoA activity by the encoded protein mediates myoblast fusion and polarization of T cells and neutrophils. The encoded protein is a component of hair cell stereocilia that is essential for hearing. A splice site mutation in this gene results in hearing loss in human patients. [provided by RefSeq, Sep 2016]