

# Product datasheet for RC214680L3

### OriGene Technologies, Inc.

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## RAB11FIP1 (NM\_001002814) Human Tagged Lenti ORF Clone

### **Product data:**

**Product Type:** Expression Plasmids

Product Name: RAB11FIP1 (NM\_001002814) Human Tagged Lenti ORF Clone

Tag: Myc-DDK
Symbol: RAB11FIP1

Synonyms: NOEL1A; rab11-FIP1; RCP

Mammalian Cell Puromycin

Selection:

**Vector:** pLenti-C-Myc-DDK-P2A-Puro (PS100092)

Sgfl-RsrII

E. coli Selection: Chloramphenicol (34 ug/mL)

ORF Nucleotide The ORF insert of this clone is exactly the same as(RC214680).

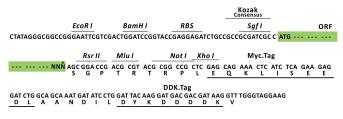
Sequence:

Restriction Sites: Cloning Scheme:

Cloning sites used for ORF Shuttling:

Sgf I ORF Rsr II

GCG ATC GC ATG ---//--- NNN AG C GGA CCG ---



<sup>\*</sup> The last codon before the Stop codon of the ORF.

ACCN: NM\_001002814

ORF Size: 3849 bp





### RAB11FIP1 (NM\_001002814) Human Tagged Lenti ORF Clone - RC214680L3

**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.

**Components:** The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube

containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).

**Reconstitution Method:** 1. Centrifuge at 5,000xg for 5min.

2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.

3. Close the tube and incubate for 10 minutes at room temperature.

4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid

at the bottom.

5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of

shipping when stored at -20°C.

RefSeq: <u>NM 001002814.2</u>

 RefSeq Size:
 7839 bp

 RefSeq ORF:
 3852 bp

 Locus ID:
 80223

 UniProt ID:
 Q6WKZ4

Cytogenetics: 8p11.23

**Protein Families:** Druggable Genome

Protein Pathways: Endocytosis MW: 137 kDa

**Gene Summary:** This gene encodes one of the Rab11-family interacting proteins (Rab11-FIPs), which play a role

in the Rab-11 mediated recycling of vesicles. The encoded protein may be involved in endocytic sorting, trafficking of proteins including integrin subunits and epidermal growth factor receptor (EGFR), and transport between the recycling endosome and the trans-Golgi network. Alternative splicing results in multiple transcript variants. A pseudogene is described

on the X chromosome. [provided by RefSeq, Dec 2013]