

## Product datasheet for **RC214680**

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

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** RAB11FIP1 (NM\_001002814) Human Tagged ORF Clone  
**Tag:** Myc-DDK  
**Symbol:** RAB11FIP1  
**Synonyms:** NOEL1A; rab11-FIP1; RCP  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**Cell Selection:** Neomycin  
**ORF Nucleotide Sequence:** >RC214680 representing NM\_001002814  
**Red=Cloning site Blue=ORF Green=Tags(s)**

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**GCGATCGCC**

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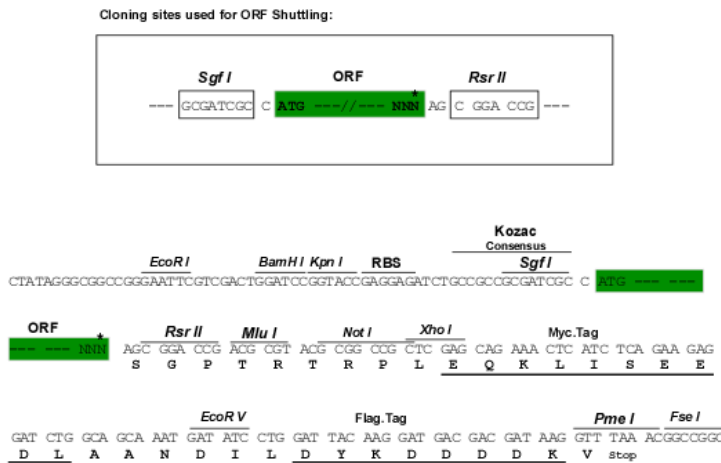
**Protein Sequence:** >RC214680 representing NM\_001002814  
 Red=Cloning site Green=Tags(s)

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EIEVDIQFMRNNMTASMFDL SMKDKSRNPFGLKDKIKGKNKDSGSDTASAIIPSTTPSVSDDES SVVKD
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TSTAESQKKA TAEAGSRVENFGRKPLLQAVVSPSETHPVSAQPGAGTGS AKHRLHPVKPMNAMATKVA
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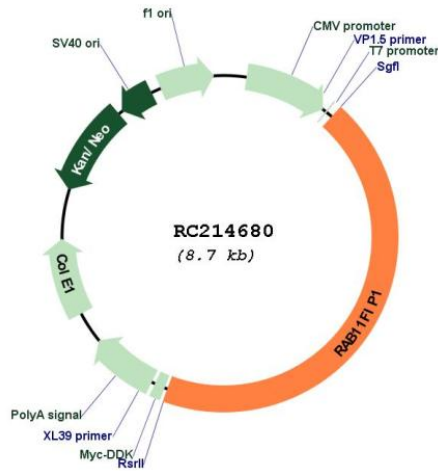
**Restriction Sites:** SgfI-RsrII

**Cloning Scheme:**



\* The last codon before the Stop codon of the ORF

## Plasmid Map:



ACCN: NM\_001002814

ORF Size: 3849 bp

**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: [NM\\_001002814.3](#)

RefSeq Size: 7839 bp

RefSeq ORF: 3852 bp

Locus ID: 80223

UniProt ID: [Q6WKZ4](#)

Cytogenetics: 8p11.23

<b>Protein Families:</b>	Druggable Genome
<b>Protein Pathways:</b>	Endocytosis
<b>MW:</b>	137 kDa
<b>Gene Summary:</b>	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]