

Product datasheet for **SC310197**

RAB11FIP1 (NM_025151) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	RAB11FIP1 (NM_025151) Human Untagged Clone
Tag:	Tag Free
Symbol:	RAB11FIP1
Synonyms:	NOEL1A; rab11-FIP1; RCP
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >SC310197 representing NM_025151.
 Blue=Insert sequence Red=Cloning site Green=Tag(s)

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GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTGACTG
GATCCGGTACCGAGGAGATCTGCCGCCCGATCGCC
ATGTCCCTAATGGTCTCGGCTGGCCGGGGCTGGGGCCGTGTGGTCCCCAACCCACGTGCAGGTGACG
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GCCACCTTCGAGCTGCCATCGCTGCTGTCTCCGACCCGCGGCCGCCACCCTGCAGCTCACCGTG
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CCCAAGGGCTTCAGAAAGAAGCATTGTCTCTTACAGAGAACCTGGCGGCTGGGTCTTGAAGGAG
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ACCAAGTTGCTAACTGCAGCTTGGAACTGCCACCATCATCAGTGAGAATTGAACAATGAGGTGATG
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CTGGTCTCAAACAGAAGGAAACGATAAGCAAGAAGGAGTCCAGGTCCGCGAGCTGGAAGACTACATT
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AAAGCAGGAAAGATGTAA
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ATCCTGGATTACAAGGATGACGACGATAAGGTTTAA
  
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Restriction Sites: SgfI-RsrII

Plasmid Map:

ACCN: NM_025151

Insert Size: 1950 bp

OTI Disclaimer: Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).

OTI Annotation: This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.

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:	<ol style="list-style-type: none">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_025151.4
RefSeq Size:	5954 bp
RefSeq ORF:	1950 bp
Locus ID:	80223
UniProt ID:	Q6WKZ4
Cytogenetics:	8p11.23
Domains:	C2
Protein Families:	Druggable Genome
Protein Pathways:	Endocytosis
MW:	71 kDa
Gene Summary:	<p>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]</p> <p>Transcript Variant: This variant (1) lacks an alternate in-frame exon in the 3' coding region, compared to variant 3. It encodes isoform 1, which is shorter than isoform 3. Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.</p>