

Product datasheet for **SC300453**

RAB11FIP1 (NM_001002814) Human Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: RAB11FIP1 (NM_001002814) Human Untagged Clone
Tag: Tag Free
Symbol: RAB11FIP1
Synonyms: NOEL1A; rab11-FIP1; RCP
Mammalian Cell Selection: None
Vector: [pCMV6-XL5](#)
E. coli Selection: Ampicillin (100 ug/mL)

Fully Sequenced ORF: >OriGene sequence for NM_001002814 edited
GGCGATCTTCTCCTCGCTTCTGGAGTGTATCGTCACCATGTCCCTAATGGTCTCGGCTG
GCCGGGCTGGGGCCGTGTGGTCCCCAACCCACGTGCAGGTGACGGTGCAGGCGC
GGGGCCTGCGGGCCAAGGGCCCCGGGGCACGAGCGACGCGTACGCGGTGATCCAGGTGG
GCAAGGAGAAGTACGCCACCTCCGTGTGCGAGCGCAGCCTGGGCGCGCCCGTGTGGCGCG
AGGAGGCCACCTTCGAGCTGCCATCGCTGCTGTCTCCGACCCGCGCCGCCACCC
TGCAGCTCACCGTGTGCACCGCGCTGCTCGGCCTCGACAAGTTCTGGGCGCGCCG
AGGTGGACCTGCGGGATCTGCACCGCGACCAGGGCCGAGGAAGACGCAGTGGTATAAGT
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CCGCCTCCGCCATCATCCCTAGCACGACACCTTCGGTCGACAGTGATGATGAGTCTGTGG
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TTCGTCCCGGAGACTTTTCAGTCCAGTGGGATGAAGATGACAAATGAGGATGAGTCTCTCT
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AGGTCACTTTACCCTTCCCAAGAAGGAAGGACTTTCCTTTTGGTGGCCTTCGGTCTA
AGAATGATGTCTTTCCCGCTCTAATGTCTGCATCAATGGGAACCATGTTTACCTGGAGC
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GCTTCAGAAAGAAGCATTTGTTCTTCTACAGAGAACCTGGCGGCTGGGTCTTGAAGG
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ACTCCTTGAAGTCTATGACCCTGCCGTCTACCGACCTGCCCACTGGTCAAGTGGGGACC
TCAGGGAAAACATGGCCCCGCAAACCTCAGAGGCCACAAAAGAAGCTAAGGAGAGCAAGA
AGCCAGAGAGCAGGAGGTCTCTTTGCTGTCTCTGATGACGGGAAGAAGGATGTGGCTA
AGGGCAGTGAAGGTGAAAACCTCTCACGGTCCCAGGGAGGGAGAAGGAAGGCATGCTGA
TGGGGTTAAGCCGGGGAGGACGCATCGGGGCTGCTGAAGACCTTGTGAGAAGATCTG
AGAAAGATACTGCAGCTGTTGTCTCCAGACAGGGCAGCTCCCTGAACCTTTTGAAGATG



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TG CAG AT CAC AGA ACC AGA AG CT GAG CC AG AG T CCA AG T CT GA ACC GAG ACC T CCA AT T T
 CCT CT CCG AGG GCT CCCC AG ACC AG AG CT GT CA AG CCC GACT GG AAG T GT CT CCA GAG G
 CG CA ACC CAC AG C CAG GCT T C C T T C C C C T A C T G A C T C C C C T T C C T C T T C C T C T T C
 C T T C T A G C T C T G G C C A G G C A T C T G C C C C C T C T G A A T T G G G A C A T G G T G C A G A C A C A G T
 C C T C T G A G A G T C C T T C T G T T T C C T C T C T C A T C T C C C A T A G C A G C T C C C A T T T C C A
 C A T C C A C T C C A A T T G A A G C T G G C C T C T C G T A G A C A G G G G C C A G G C C A A G T C T G A A G G A C
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 A A G A T T C T C T G A T G G G C A G G A C C G T G A G A C A G G C A C A G A G A A G A A C A C C A G C A G C C T T G
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 G A G A C A G A G A C T T G G A G A G T C A G G C T G G T C T C T T G T G G A G A G C A A A G C C A G G G A T G C A G
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 TTATTTAATTCTCTCCTACAGTACTGGGACCACTGTAACTTCTCAGATGACTTGTATTT
 TTGTAGTGCTATGAAATTTATTTACATACTTATAAAGAAAAGTATGTTCAAAAAAAA
 AAAAAA

- Restriction Sites:** Please inquire
- ACCN:** NM_001002814
- 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:** The open reading frame of this TrueClone was fully sequenced and found to differ from the protein associated to this reference by three amino acids.
- 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_001002814.1](#), [NP_001002814.1](#)
- RefSeq Size:** 7839 bp

RefSeq ORF: 3852 bp

Locus ID: 80223

UniProt ID: [Q6WKZ4](#)

Cytogenetics: 8p11.23

Protein Families: Druggable Genome

Protein Pathways: Endocytosis

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]
Transcript Variant: This variant (3) represents the longer transcript and encodes the longer 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.