

Product datasheet for **SC106361**

RAB11FIP5 (AL117579) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	RAB11FIP5 (AL117579) Human Untagged Clone
Tag:	Tag Free
Symbol:	RAB11FIP5
Synonyms:	GAF1; pp75; RIP11
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL6</u>
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >NCBI ORF sequence for AL117579, the custom clone sequence may differ by one or more nucleotides

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CCGAGATCTCCAGCCTCATCTGCATCCCCGCCAGGGTCGAGGGAATCTTCTATTCTGGTCCA
GAAGAGCTGCCACTCCCCAGAGCCTGACTTTCACCGCCCCCTCTCCCGCCTGGGCCAGCCACCAC
GTGGGGGGCCAGCCCTCCATGTCTCCCCTGTCTGAAGCCTGGCCCTGACTACCTCTCTGCACCACC
AGGGGAGCCAGCCTTACTCCCTGGCCCCATGAGCCCTCCCACCTGGGGGCTCCCTGCCTACTTAGG
GAGGACCTCGCTGCAGCCACCCAGCCTCCCCGCTTGTGCTTCTGCCCTTGAGACACGACCAGCTGAGG
AGCCACAGCCAGTGCCAGTCCCCACCCCGTGAAGCCCTCAGTGCCGCCCTGTGGAGGGCAGCCCGCA
CAGGAAGCAGTCCCGCTCAGTCTGAGCATAGCCCTGAGCAGTGGGCTGGAGAAGCTCAAAAAGTCACA
TCTGGGAGCATTAGCCTGTGACCCAGGCCCCAGGCTGGCCAGATGGTGGACACAAAAGGCTGAAGG
ACTCAGCTGTGCTGGACCAGTCGGCCAAGTACTACCACCTGACCCACGATGAGCTCATCAGCCTGCTCT
GCAGCGGGAGCGGAGCTGAGCCAGCGGACGAGCATGTGCAGGAGCTGGAGAGCTACATCGACCGGCTG
CTGGTGGGATCATGGAGACCTACCCAGCCTGCTGCAGATCCCCCGGGCCCCCAAAATAGCCTTCTCT
CACCCTACCCCCAGGAGGTTGGCATGGACCTATTGCTGCTGCCCTCTCTCCTCTGAACCTCTCTCATC
TGCACTGGGGCATCGTCTGTCTTGCCTTGTCACTCCTTGTCTCTCTCCCTCCTGCCTCAACTGGGGCTG
TGAAGGGGGCCCTCTGGATTCCCTTTGGAGGCATCAGGTTCTGTGCACAACTTGTGTCTTTGGGAGC
CCTGGGCTTTCCACCTGCCTGTTTTTCATATCCCTCAGCTTTGGGGGCCAGGGAATTGGAACCTTC
CCCCAAGACAGAGCAGGGGTGAAGTGTAGCTTGTGAGTAACTGGGACAAGACTGGTTGCTAGACAT
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CCAGTCCCTGGAGGGCTTCTAGTATTACTGGACAATGACCAGCTGCCTGTTTGTCTGTGAGTACGG
GCAACAGCCTCTCAGCCTCACACCCATTCCCCTGAGAGCAAGAAGCCTGTGTGGTCTGGGCCAGTCTC
TGCCATGTCCTGAGTCTGCTTCAGTCTGGAGCTGTTTGTGGGGGAGTGCCATGTGGACAGTGGTGGATG
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CGCAGGGGGCGGTGCGGAGAGAGCACCTTTTTGCTTTTCGAGCTTTGACCACCTCCAATGTGTAGGTCC
CTCCAGGCTGGGGCTTGGGACTGCTTATGATTTGGGGTCAAGCCTCCATGTCTATTCTTGTGCTGTC
CAGATGCCAAAATCTGTGTTGCTGCAGGGTTGAACTTTGAAACCAATTAATATGTGCTTTGGTGG
GCGGGGTCAAGAGCCCTGGATGTGACCTCTCCCGCTGTGTGGCGTCCCCCTCCACCTGTTGAATACA
TAGGGATGGCTCTCTCAGGGCCCTGGGAATGGGAATGGACAGCACTGCTGTGGGCTTCCCTCCCTCA
AAGTTAATCTCTTGGTCTGGCCAAGTTGCTGCTCCCTCAACCTTCTGCTGTCTTCCCTCCCTCAACCC
CAATAGGAGGATCCCAGGATAAACACTGCTGGGCAGGCGGCAGGCAGGCTGGGGCTGCCCTGCTCACT
CTCATTGTCTGGCCTCAGGACTTAGCCATACTAGACCAGTCAGCTTGCCTGGAAGAGGGAGTCCCCTA
TGCCCTTTGGGAGACCTATACTTAGGAAAAAGCCTTTGTTGCTCCCATCCATCCATTAAGTGTCTAT
CTCAGCCTGTCCCTTCTGCCCCAGGGCTTGCCTGGCTTGGCTGCAGTGCCTTTGAAATGAAGTATCTG
TCCTTTGGCCAGCCCTGGTTTGTGTAAGAAAATGGGGGTGATGAGGTGCTGAAGAAGGATACTTAACA
GCTTAGTGAGGAGCAAGAGCTCCTCTGGGACCACCTTCTTCCAGGAGGGCCTGTGGGCTTGCCTTT
GGAAGGCCTCAGGCAGACACGTGCCCTCTGGGTGATGTCTGTCTGCTGCCAGGATGGAGCAGAGGAGCGC
CACACATGGAGGAAAGCCCTGTAACTTACCTACCTAAACTCCACTCATCAAATCTGAGAAAAGTATC
CACTGGTCCCCAGGGTTTCACTCATGCTTTTGGGGTATTGGGTATTAGAGAAGTAAGTATCTTTTCTG
AGAGAGGGGGAGTACCCCCCTACTGGGGATTCTCTGGGCTTTATTACTCCAGCCCTGGCCCTGAC
CTTTGTGGCCTCCCTAATGCCAGGCATGGATGGCTTCAAGAGGAGTTTTTGAATCGAAGCCAGGGTC
CTTGTGATGTTTCTTCTCTAGCCACTTGGAGGAAAGTTCAGGTGGGTGGGCAGGGAGCAGGCAT
GGTTCTGCTTGTGTTTGTCTTCTAGTTAAGGCTCTTATAAAGAGCTTGTCTTCTATGTTTTAAGCA
CTTTATGAAGAATAAAACATTATGACTGCAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAGG
    
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5' Read Nucleotide Sequence:	>OriGene 5' read for AL117579 unedited CTTTCGCGCCCGTTCCCGCATATGGCGGTAGGCGTGTACGGTGGGAGGTCTATATAAGCAG AGCTCATTTAGGTGACACTATAGAATACAAGCTACTTGTCTTTTTGCAGCGGCCGCGAA TTCGGCACGAGGTGGAGAAGCTCAAAACAGTCACATCTGGGAGCATTAGCCTGTGACCC AGGCCCCCAGGCTGGCCAGATGGTGGACACCAAAAGGCTGAAGGACTCAGCTGTGCTGG ACCAGTCGGCCAAGTACTACCACCTGACCCACGATGAGCTCATCAGCCTGCTCCTGCAGC GGGAGCGGGAGCTGAGCCAGCGGGACGAGCATGTGCAGGAGCTGGAGAGCTACATCGACC GGCTGCTGGTGGGATCATGGAGACCTACCCACGCTGCTGCAGATCCCCCGGGCCCCC CCAAATAGCCTTCTCACCTACCCCCAGGAGGTTGGCATGGACCTATTGCTGCCTGCC CTCTCTCCTCTGAACCTCTCATCTGCAGTGGGGCATCGTCTGTCTTGCCTTGTCACTC CTTGCNTCTCTCCTCCTGCCTCAACTGGNGCTGCTGGAAGGGGGCCCTCTGGATTCCCTT TGGAGCATCAGGTTCTGTGCACAACCTTGTGTCTTTTGGAGCCCTGGGTCTTCCCCT GCCTGTTNATATCCCTCAGCTTTGGGGCCCCAGGGAATGGGACTCTTCCCCCAGAAGA GCAGGGGTGACTGTAGCTTGATGCAGTAATCTGGGACAGACTGGTTGCTAGCCATACTTT ATAATCCCAAGGATGTCAGCCATTTCTTCCAAGCCCAAGCCCATCCCTTTAATTTCC CTAGTCTTGAGGGGTTTTTGTCTTACTGGAACAATGCCACCCTGCCTGTTTGTCTGG AATTACGGGAAACCGCCTTTTGAGCTTACCCTTTC
Restriction Sites:	NotI-NotI
ACCN:	AL117579
Insert Size:	2500 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).
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:	<u>AL117579.1</u> , <u>CAB56002.1</u>
RefSeq Size:	2935 bp
RefSeq ORF:	2935 bp
Locus ID:	26056
Cytogenetics:	2p13.2
Protein Pathways:	Endocytosis

Gene Summary:

Rab effector involved in protein trafficking from apical recycling endosomes to the apical plasma membrane. Involved in insulin granule exocytosis. May regulate V-ATPase intracellular transport in response to extracellular acidosis.[UniProtKB/Swiss-Prot Function]