

Product datasheet for **SC105788**

RAB11FIP4 (BC006563) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	RAB11FIP4 (BC006563) Human Untagged Clone
Tag:	Tag Free
Symbol:	RAB11FIP4
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >NCBI ORF sequence for BC006563, the custom clone sequence may differ by one or more nucleotides

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GAGTCTAGCTCTGTCGCCAGGCTGAGTGCAGTGAAGTGCATGCCATTGCACTCCAGCCTGGGCGA
CAAGAGCAAACTCTGTCTCGAAAAAAAAAAAAAAAAAGCAAGGAGTTGAATGAAATAGTTGATTTCAA
TGCTATATTAGTTTCTCTTGTCTATAACAAGTTACTATGAAAATAATGACTTGAAACAGCACAGATT
GATGCTGTACAGTTCTTGAGGTCGGAAGTTGCAATGAGCTGATGGAACATAAATGAAGAAGGGTTGG
GTCAGGAGGGCTGGGTCAGGAGGCTGGTCTTCTGGGGCTCTTGGGAGATCCATGTCCTTGGCTTTTC
CAGCTTCCAGAAGCTGCCTCCTCCCTTGGCTCATGGCTATGTCGCATCTCCCTTCTCTCTGGCACCTT
CATCACGTGACCTTTTCTCTTGTCTTCTTCCACTTATAAAGGCTTTTGTGATTACATTCTGG
GACCATAACAAGATCCAGGATTATCTCCCATCTTGAGATCCTTAACCTAACAACTCTGCAAAGTCTTT
ATTTGGGAAAAAGTGAATGGGAGTGTCCCTTATCCCCTTTCGGGGCATAATGACAGGGGTGGCTTG
CTTCTTCACTGCCCCACTGCTCAAACCCCTAGGGGATCATGCAGATGGGTAGGTTGCGGGGAGCATT
GGGGCTCCGACCCATGGCGGTCTCCAGGATTGAGTGTACAGCTCCCGAAGCCCAAGTGGGCATGTGT
TACAGTGTGCTCTTTCATCTTGGCATCTGCAGGGAGCTTGTGTTAATCAGCTTACTTAGACCCTCTGCC
TTATCACAAAGGACAGAGGGCTTCTGTATCCTGGGTCCTTGCCTAGTGTGCAGAAAAACCAGATCACA
TGTGGGCTTAGAGAATGAGTGAAGGTGTTCTGAGTGGTGGAGGTAGCTCTCAATGAGATGGATGGGGA
GCAGGAAGGGGATGGAGTGGGAAGGTGGTCTTCCCCTGGAGTTGGGTTGCACAGCAGCCAGACTCTCT
CCAACCTACCCCTGGCCGAACCTCCCTCAGCATCCACGTCACTTCTGTTGTTGCTAGCCTGCTGGTGTCTG
TGGTGTCTGTCCATGTGTCTGCTCCTCAACGTCCAGCCGCTTGTGTCTGTGCCACTGTGGTCCCGG
GTTTTTATGGGCACAGGATGGGGACAGGGTATGGTGGCCAAAGGGCACTTTTTCAGTGCAGAAACAG
AAATACCTGTCTCATTAGGTCCTGGGCACAGGCCCGAGGGTGGAGCCCTTCCAGGGACCTGCCCT
TCTCTACCCAGCACTTCCCTGCCCTGTTGCATATCAAAAGGACTTTGCAGATGTGATATGGAAATCCTA
ATCTCTGGAACCTGTGAATGGTACCTTATTTGGGAAAAGGGCTTGGTTGAAAACCTCTGATCCCCGAG
TTATAGTTCAGTACTTTATGTGAGTCTACTTGAGGACCAAAGTACTCTAAAATCATGTTCTGTCTTA
AGTAGGGAGAGGCAGGAGAGGCTGTGTACCTGGGCTCGTTTTAGGGGTGTGCTTGTGGTGTAAAGTA
AGATAGCACGATGGAATAATGAAGTAGGGATGAAGACTTTTTACAGATAATCATGAAGTCTTTCTCAGT
TTAAACATTTGTGATTAACAAGAGTAAAAGTTAGCCAGGCCAGTGGCCCTCACCTGTAATCTCAGCAC
TTCGGGAGGCCAAGGCAGGAGGATTGCCTGAGTTCAGGAGTTGAGACCAGCCTGGGCAACATGGCCAGA
CTGTGTCTCCACTGAAAAAAAAAAAAAAAAAAAAAAAAAAAAA
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5' Read Nucleotide Sequence:

>OriGene 5' read for BC006563 unedited

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TCAAATTTTGTAAATACGACTCACTATAGGGCGGCCCGGAATTCGCACGAGGCCCTAGTG
TGTGAGAAAACCAGATCACATGTGGGCTTAGAGAATGAGTGAAGGTGTTCTGAGTGG
TGGAGGTAGCTCTCAATGAGATGGATGGGGAGCAGGAAGGGGGATGGAGTGGGAAGGTGG
TCTTCCCCTGGAGTTGGGTTGCACAGCAGCCAGACTCTCTCCAACCTACCCCTGGCCGAA
CTCCCCTCAGCATCCACGTCACTTCTGTTGTTGCTAGCCTGCTGGTGTCTGCTGGTGTCTG
TCCATGTGTTCTGCTCCTCTCAACGTCCAGCCGCTTGTGTCTGTGCCACTGTGGTCCCCG
GGTTTTTATGGGCACAGGATGGGGGACAGGGTATGGTGGGCCAAAGGGCACTTTTTTCAG
TGCGAAAACAGAAATACCTGTCCCTCATTAGGTCCTGGGCACAGGCCCGAGGGTGGAGC
CCTTGCCAGGGACCTGCCCTTCTACCCAGCACTTCCCTGCCCTGTTGCATATCAAA
AGGACTTTGCAGATGTGATATGGAATCCTAATCTCTGGAACCTGTGAATGGTACCTTAT
TTGGGAAAAGGGCTTGGTTGAAAACCTCTGATCCCCGATTAAGTTCAGTACTTTAN
TGTGAGTCTACTTGAGGACCAAAGTACTCTAATCATGGTCTGTCTTAAGTAGGGAG
AGGCAGGAGAGGCCTGTGTACCTGGGCTCGNNTTAGGGGTGTGCTTGTGGTGTAAAG
TAGATAGCACCATGGAATAATGAAGTAGGGATGAAGACTTTTTTCCGATATCATGGAGTT
CTTCTCACTTTAACATTTGGGATTAACCAGAATAAAATTTACCCAGCCCCACGGCCCC
TCCCTGTATCTCACACTTTCGGGAGGCCAGGCAGGAGGATTCCTCATTTCAGGATTTA
AAACCACCTGGGCACATAACCAACTGTGTTCCCTGAATAA
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3' Read Nucleotide Sequence:	>OriGene 3' read for BC006563 unedited NNNAAATCACTGTGNACCGCGGCCCGCTTNCNANGATCGAGTTTTTTTTTTTTTTTTTTA ATTTTATTTTCAGTGGGAGACACAGTCTGGCTATGTTGCCAGGCTGGTTTTAACTCCTG AACTCAGGCAATCCTCCTGCCTTGGCCTCCCGAAGTGCTGAGATTACAGGTGAGGGCCAC TGGGCCTGGCTAACTTTTACTCTTGTTAATCACAAATGTTTAACTGAGAAAGAACTTC ATGATTATCTGTAAAAAGTCTTCATCCCTACTTCATTATTCCATCGTGCTATCTTACTTA ACACCAACAAGCACACCCCTAAAACCGAGCCAGGTACACAGGCCCTCCTGCCTCCTCC TACTTAAGACAGAACCATGATTTTAGAGTCAGTTTGGTCCTCAAGTAGAACTCACATAAA GTAAGTAACTATAACTCGGGGATCAGAGGGTTTTCAACCAAGCCCTTTTCCCAAATAAG GTACCATTACAGGTTCCAGAGATTAGGATTTCCATATCACATCTGCAAAGTCCTTTTGA TATGCAACAGGGGAGGGGAGTGTGGGTAGAGAAGGGCAGGGTCCCTGGCAAGGGCTCC ACCCTCGGCCTGTGCCACGGACCTAAATGAGGACAGGTATTTCTGTTTTCGCACTGAA AAAGTTGCCCTTTGGCCACCATACCCTGTCCCCATCCTGTGCCATAAAAACCCGGGA CCACAGTGGGCACAGACACAAGCGGCTGGACGTTGAGAGGAGCAGAACACATGGACAGAC ACCAGCAGACACCAGCAGGCTAGCAACAACAGAATGACGTGGATGCTGAGGGGAGTTCGG CCAGGGGTAGTTGGNAGAGAGTCTGGCTGCTGTGCAACCCACTCCAGGGGAGACCACTT TCCACTNCATCCCCCTTCC
Restriction Sites:	NotI-NotI
ACCN:	BC006563
Insert Size:	1000 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:	BC006563.1
RefSeq Size:	1871 bp
RefSeq ORF:	1803 bp
Locus ID:	84440
Cytogenetics:	17q11.2
Protein Pathways:	Endocytosis

Gene Summary:

The protein encoded by this gene interacts with RAB11 and is thought to be involved in bringing recycling endosome membranes to the cleavage furrow in late cytokinesis. Hypoxic conditions can lead to an upregulation of the encoded protein and enhance the metastatic potential of hepatocellular carcinoma. [provided by RefSeq, Oct 2016]