

Product datasheet for **SC125900**

RAB11FIP3 (NM_014700) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	RAB11FIP3 (NM_014700) Human Untagged Clone
Tag:	Tag Free
Symbol:	RAB11FIP3
Synonyms:	CART1; FIP3-Rab11; Rab11-FIP3
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >OriGene ORF within SC125900 sequence for NM_014700 edited (data generated by NextGen Sequencing)

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ATGGCGTCGGCCCCCGCGCCTCGCCCCGGGCTCGGAGCCGCCGGGCCGACCCGGAGCCGGGCGGGC
CGGACGGGCCGGGGCGCGCAACTGGCTCCGGGCCCTGCGGAGCTACGCCTCGGAGCGCCCGTCCGGCG
CCCCGACCCGCACTCCCGGGCCTGGATGAGCCTGCGCCCGGGGCCGCTGCAGATGGCGGGGCGGTTGG
AGCGCCGGGCCGGCCCCGGGGCTGGAGGGAGCCCGCGAGACCCCGGGCCGTCCGCCCGCGCCCGCT
CCGGCCCCGCGGGGCGAGCTTGCAGACCCGACGCCCGGGCCAGGGCCGCGCTCCGAAGCGCCGCTTCC
AGAAGTCGACCCGTTGTTCTCCTGGACTGAGGAGCCGAGGAGTGTGGCCCCGCGAGCTGCCCGGAGAGC
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AGACTTACCAAGGGATCACAGCCATCAGAAACGGAGATCCTGATGGCCAGTGCTACGGTGGTGTGCT
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AGGTGACGGACAGCGCTACATGGGCTCCGAGAGCACCTACAGTGAGTGTGAGACCTTACCGGACGAGGA
CACCAGCACCTGGTGCACCTGAGCTGCAACCTGAAGGGGACGACAGTCCCGGGCGGCTCGGCCGTG
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ACCCCATGGCCAGTCTGTCATCACGGTATCGGGGGCGAGGAGCACTTTGAGGACTACGGTGAAGGCAG
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TGCACGCCCTGTCTGAAGGCCAACATTGAGCGTCTGGAGGAGGAGAAGCAGAAGCTGTTGGATGAGATAG
AGTCGCTGACGCTCGGGCTCAGTGAAGAGCAGGAGAACAAGAGGAGAATGGGGACAGGCTGAGTCACGA
GAGGCACCAAGTCCAGAGGGACAAGGAGGCCACCCAGGAGCTGATCGAGGACCTCCGAAAGCAGCTGGAG
CACCTGCAGCTCCTCAAGCTGGAGGCCGAGCAGCGGGCGGGCCGAGCAGCAGCATGGGCCCTGCAGGAGT
ACCACAGCCGCGCCCGGAGAGCGAGCTGGAGCAGGAGGTCCGCGAGGCTGAAGCAGGACAACCGCAACT
GAAGGAGCAGAACGAGGAGCTGAACGGGCAGATCATTACCCTCAGCATCCAGGGCGCAAGAGCCTCTTC
TCCACAGCCTTCTGAGTCCCTGGCTGCAGAGATCAGTCCGTCTCCGAGATGAGTCCATGGAGGCGA
TTCAGAAGCAGGAGGAGATCAACTCCGCCTGCAGGACTACATCGACAGGATCATCGTGGCCATCATGGA
GACCAACCCGTCATCCTGGAGGTCAAGTAG
    
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Clone variation with respect to NM_014700.3
90:g=>a

5' Read Nucleotide Sequence:	>OriGene 5' read for NM_014700 unedited GGGGTCGCCATTTGTATACGACTCATATAGGCGGCCGACGAATTCGCACGAGGTCTCTGCT TCACAGGCTCCGCGGCCTCCGGCCTCCTCGGCCCGTCCCCGGCCTCCTCGGCCCGG TCCCCGCGCATCCGCGGCCCGGATCCTCGCCGCTCCTTAGGCCGCCCCGCGCCATGG GCCTGCGCCCGCCGCGCCCGGGCCGAGGGCAGCTGAGGCGCGGTGCGAAGATGGGCGA GGACAGAGCAGGGCCCCGAGCGCCAGCCCCAGACGCCGGGGCGCCCCGCGCGGCCCGCC GCGCCCGGAGGGGATGCCCGCGCCCGCCGCGCCCTGAGCGCCTTTGTCTGCCGCC GCGCCCTCCGCACCACTAGCCTCTCGGGAGCATGGCGTCGGCCCCGCGGCCTCGCCCC GGGCTCGGAGCCCGGGGCCGACCCGAGCCGGGCGGGCCGGACGGCCGGGGCGGC GCAACTGGCTCCGGGCCCTGCGGAGCTACGCTCGGAGCGCCCGTCCGGGCCCGGACCC GCAGTCCCGGGCCTGGATGAGCCTGCGCCCGGGCCGCTGCAGATGGCGGGGCGCGTTG GAGCGCCGGGCCCGCCCGGGCTGGAGGGGAGCCCGGAGACCCCGGGCCGTCCGCC GCCCGCGCTCCGGCCCGGGGCGAGCCTGCGAGCCCCGACGCCCGGGCCAGGGCC GCGCTCCGAAGCCCGCTTCCAAAACGACCCGTTGTTCTTCTGACTGAGGAGCCCCG AGGAGGGTGCCCCGGGAGCTGCCCGGGAGAGCGCCTTCCCGCTGCAAGGGGCCAGC AGCAGCACCGAAGCGGGGAAGTCAAATTTTATCTTCTTCCCGGGCCACGGNGGC GAACTGGCCTGAACAAGTN
Restriction Sites:	Please inquire
ACCN:	NM_014700
OTI Disclaimer:	Due to the inherent nature of this plasmid, standard methods to replicate additional amounts of DNA in E. coli are highly likely to result in mutations and/or rearrangements. Therefore, OriGene does not guarantee the capability to replicate this plasmid DNA. Additional amounts of DNA can be purchased from OriGene with batch-specific, full-sequence verification at a reduced cost. Please contact our customer care team at custsupport@origene.com or by calling 301.340.3188 option 3 for pricing and delivery. 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
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_014700.2 , NP_055515.1
RefSeq Size:	4273 bp
RefSeq ORF:	2271 bp

Locus ID: 9727

UniProt ID: [O75154](#)

Cytogenetics: 16p13.3

Protein Pathways: Endocytosis

Gene Summary: Proteins of the large Rab GTPase family (see RAB1A; MIM 179508) have regulatory roles in the formation, targeting, and fusion of intracellular transport vesicles. RAB11FIP3 is one of many proteins that interact with and regulate Rab GTPases (Hales et al., 2001 [PubMed 11495908]). [supplied by OMIM, Mar 2008]
Transcript Variant: This variant (1) represents the longer transcript and encodes the longer isoform (1).