

Product datasheet for **RC210877**

RAB11FIP4 (NM_032932) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	RAB11FIP4 (NM_032932) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	RAB11FIP4
Synonyms:	FIP4-Rab11; RAB11-FIP4
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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ORF Nucleotide
Sequence:

>RC210877 ORF sequence
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGGCGGGCGCGCGGGCTGGTCGGCGCCCCCGGGCTCTGCTGCGCTCCGTGCGCCGCTGCGCGAGG
TGTTTCGAGGTGTGCGGCCGCGACCCCGACGGCTTCTGCGCGTGGAGCGGTCGCGGCGCTCGGACTGCG
CTTCGGCCAGGGCGAGGAGGTGGAAAACTTGTGAAATATTTGGATCCCAACGACCTGGGGAGAATCAAC
TTCAAGGACTTTTCCGGGGGTGTTCCGCATGAAAGGGTGCAGGAGCTGCTGAAGGATGTGCTGTCGG
TGGAGAGCGCGGGGACGCTGCCGTGCGCGCCAGAGATCCAGACTGCGTGGAGCAGGGCAGCGAGGTAC
AGGCCCCACCTTTGCTGATGGCGAGCTCATCCCCAGGAAACCCGGCTTTTTTCCGAGGACGAGGAGGAG
GCTATGACGCTGGCGCCACCTGAGGGCCCCAGGAGTTGTACACAGACAGCCCCATGGAGAGCACTCAGA
GCCTGGAGGGTCTGTCCGGAGTCTGCCGAGAAGGACGGGGACTTGGGGCCCTGTTTCTGCCAGAAGA
CAAGTCCCTGGTCCACTCCATCCATGACGACCTCAGACCTTTCTACACTCCACCACCTCGCTCATC
AGCAATGAGGAGCAGTTTGAAGACTATGGGGAGGGTACGATGTGGACTGTGCCCCAGCAGCCCTTGCC
CCGATGATGAGACCAGGACCAACGTCTACTCGGACCTGGGGTCTTCGGTGTCTTCCAGTGCGGGGCAGAC
GCCTAGGAAAATGCGGCACGTGTACAACAGCAATTGCTAGATGTTTACTGCTCTCAATGCTGCAAGAAA
ATCAACCTGCTCAATGACTTGGAAAGCCGACTGAAAACTGAAGGCCAACAGCCCCAACCGAAAGATCT
CCAGCAGCGCCTTTGGACGGCAGCTCATGCACAGCAGCAACTTCAGCAGCAGCAATGGCAGCACCGAAGA
CCTGTTCCGGGACAGCATTGACTCTTGCACAATGACATCACAGAGAAGGTAAGCTTCTGGAAAAGAAG
GTGACAGAGCTGGAGAATGACAGCCTGACCAATGGGGACCTGAAGAGCAAGCTGAAGCAAGAGAACACAC
AGCTGGTGCACAGGGTGCATGAGCTGGAGGAGATGGTGAAGGATCAGGAGACCAGGCCGAGCAGGCTCT
GGAGGAGGAGGCCGCGGCCACCGCGAGGCCTACGGCAAGCTGGAGAGGGAGAAGGCTACCGAGGTGGAG
CTGCTCAATGCCAGGGTGCAGCAGTGGAGGAAGAAAATACAGAGCTTAGAACAACAGTACTCGGCTCA
AGTCTCAAACAGAGAACTGGATGAGGAGCGGCAGCGCATGTCTGACCGTCTGGAGGACACCAGCCTGCG
GCTCAAAGATGAGATGGACCTGTACAAGCGCATGATGGACAAGCTGCGACAGAACCAGCCTTGAGTCCAG
AAGGAGCGGGAGGCGACGAGGAGCTCATCGAGGACTTGCAGGAGGAGCTGGAGCACCTGCAGATGTACA
AGCTGGACTGCGAGCGGCCAGGCGGGCCGAGTGCCTCCTCTGGCCTAGGCGAGTTCAATGCCAGGGC
CCGCGAGGTGGAGCTCGAGCAGGAGTCAAGCGGCTCAAGCAGGAGAATTATAAGCTGCGGGATCAGAAC
GACGACTTGAATGGCAGATTTTGAACCTCAGCCTCTACGAAGCAAAAAACCTCTTTGCTGCCAGACTA
AAGCCCAGTCTCTGGCTGCAGAGATAGACACCGCCTCGCGGATGAGCTAATGGAAGCCCTGAAGGAGCA
GGAGGAGATCAACTTCCGGCTGAGGCAGTACATGGACAAGATTATCCTCGCCATCCTGGACCACAATCCC
TCCATCCTCGAGATCAAACAC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

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 Size: 8665 bp

RefSeq ORF: 1914 bp

Locus ID: 84440

UniProt ID: [Q86YS3](#)

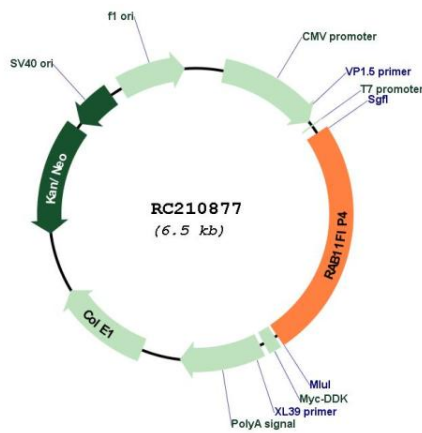
Cytogenetics: 17q11.2

Protein Pathways: Endocytosis

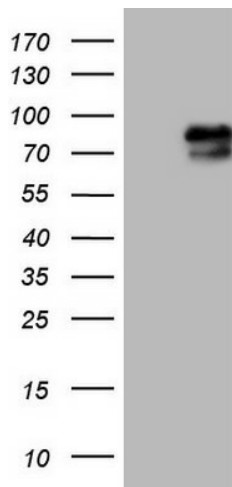
MW: 71.9 kDa

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]

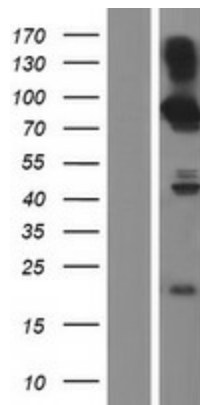
Product images:



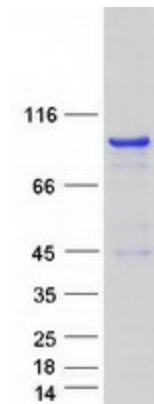
Circular map for RC210877



HEK293T cells were transfected with the pCMV6-ENTRY control (Cat# [PS100001], Left lane) or pCMV6-ENTRY RAB11FIP4 (Cat# RC210877, Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-RAB11FIP4 (Cat# [TA808377])(1:2000). Positive lysates [LY409875] (100ug) and [LC409875] (20ug) can be purchased separately from OriGene.



Western blot validation of overexpression lysate (Cat# [LY409875]) using anti-DDK antibody (Cat# [TA50011-100]). Left: Cell lysates from untransfected HEK293T cells; Right: Cell lysates from HEK293T cells transfected with RC210877 using transfection reagent MegaTran 2.0 (Cat# [TT210002]).



Coomassie blue staining of purified RAB11FIP4 protein (Cat# [TP310877]). The protein was produced from HEK293T cells transfected with RAB11FIP4 cDNA clone (Cat# RC210877) using MegaTran 2.0 (Cat# [TT210002]).