

Product datasheet for **RG209640**

RAB11FIP1 (NM_025151) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	RAB11FIP1 (NM_025151) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	RAB11FIP1
Synonyms:	NOEL1A; rab11-FIP1; RCP
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)



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ORF Nucleotide Sequence:

>RG209640 representing NM_025151
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGTCCTAATGGTCTCGGCTGGCCGGGCGCTGGGGCCGTGTGGTCCCCAACCCACGTGCAGGTGACGG
 TGCTGCAGGCGCGGGCCCTGCGGCCAAGGGCCCGGGGCACGAGCGACGCGTACGCGGTGATCCAGGT
 GGGCAAGGAGAAGTACGCCACCTCCGTGTCGGAGCGCAGCCTGGGCGCGCCCGTGTGGCGGAGGAGGCC
 ACCTTCGAGCTGCCATCGCTGCTCCTCCGACCCCGCGCCGCCACCCTGCAGCTCACCGTCTGC
 ACCGCGCGCTGCTCGGCCCGACAAGTTCTGGCCGCGCCGAGGTGGACCTGCGGGATCTGCACCCGCA
 CCAGGGCCCGAGGAAGACGCAGTGGTATAAGTTGAAATCCAAACCAGGAAAGAAGACAAGGAGCGAGGA
 GAAATTGAGGTTGACATCCAGTTTATGAGAAACAACATGACTGCCAGCATGTTTGACCTTCTATGAAA
 ACAAGTCTCGAATCCATTTGAAAGCTGAAGGACAAGATCAAGGGGAAGAATAAGGACAGTGGGTGAGA
 CACCGCCTCCGCCATCATCCCTAGCACGACACCTTCGGTCGACAGTGTATGATGAGTCTGTGGTTAAAGAC
 AAGAAAAAGAAATCAAAGATCAAGACCTTACTTTCCAAGTCAAATTTGCAGAAGACGCCTTTTCCAGT
 CCATGTCTGTCTGCCGACTTCAAAGCCAGAAAAAGTGTCTTCTCGTCCCGGAGACTTTCAGTCCCAGTG
 GGATGAAGATGACAATGAGGATGAGTCCTCCTCGGCCTCGGATGTATGTCTCACAAAGAGAACAGCGAGT
 ACGGATCTTAAGCAACTGAACCAGGTCACTTTACCTTCCCAAGAAGGAAGGACTTTCCTTTTGGTG
 GCCTTCGGTCTAAGAATGATGTCCTTTCCCGCTAATGTCTGCATCAATGGGAACCATGTTTACCTGGA
 GCAGCCAGAAGCCAAGGGTGAGATCAAGGATAGCAGCCCGTCTCCTCCCATCCCCAAGGGCTTCTAGA
 AAGAAGCATTTGTTCTCTTCTACAGAGAACCTGGCGGCTGGGTCTTGAAGGAGCCTGCTGAAGGAGGTG
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 AAGCTGAGCCAGAGTCCAAGTCTGAACCGAGACCTCAATTTCTCTCCGAGGGCTCCCCAGACCAGAGC
 TGCAAGCCCCGACTTCATCCTGTGAAGCCAATGAATGCAATGGCCACCAAGGTTGCTAACTGCAGCTTG
 GGAAGTCCACCATCATCAGTGAAGTGAACAATGAGGTGATGATGAAGAAATACAGCCCTCGGACC
 CTGCAATTTGCATATGCGCAGCTGACCCACGATGAGCTGATTGAGCTGGTCTCAAACAGAAGGAAACGAT
 AAGCAAGAAGGAGTTCAGGTCCGCGAGCTGGAAGACTACATTGACAACCTGCTTGTGAGGGTATGAA
 GAAACCCCAATATCCTCCGCATCCCGACTCAGGTTGGCAAAAAAGCAGGAAAGATG

AG**CGGACCG**ACGCGTACGCGGCCGCTCGAG – GFP Tag – GTTTAA

Protein Sequence:

>RG209640 representing NM_025151
 Red=Cloning site Green=Tags(s)

MSLMVSAGRGLGAVWSPHVVQTVLQARGLRAKGGTSDAYAVIQVGKEKYATSVSERSLGAPVWREEA
 TFELPSLLSSGPAATLQLTVLHRALLGLDKFLGRAEVDLRDLHRDQRRKQWYKLSKPKGKDKKERG
 EIEVDIQFMRNMTASMFDL SMKDKSRNPFGLKDKIKGNKDSGSDTASAIIPSTTPSVSDDES SVVKD
 KKKKSKIKTLLSKSNLQKTPLSQSMSVLPTSKPEKVLRLPGDFQSQWDEDDNEDESSASDVMSHKRTAS
 TDLKQLNQVNFITLPPKKEGLSFLGGLRSKNDVLSRSNVCINGNHVYLEQPEAKGEIKDSSPSSSPKGF
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 KEAKESKPESSRSLLSLMTGKDVAKGSEGENPLTVPGREKEGMLMGVKPAGEDASGPAEDLVRREK
 TAAVVSQRGSSSLNLFEDVQITEPEAEPESEPRPPISSPRAPQTRAVKPRLHPVKPMNAMATKVANCSL
 GTATIISENLNNEVMKKYSPSDPAFAYAQLTHDELIQLVLKQKETISKKEFQVRELEDYIDNLLVRVME
 ETPNILRIPTQVGGKAGKM

SGP**TRRRLE** – GFP Tag – V

Cytogenetics: 8p11.23

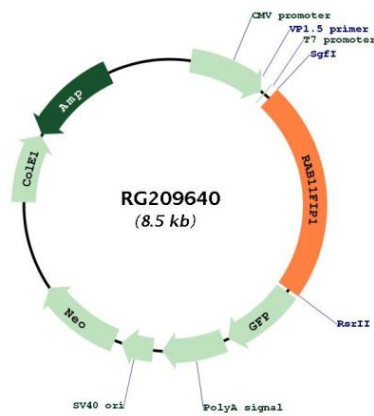
Domains: C2

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]

Product images:



Circular map for RG209640