

Product datasheet for **MC220085**

Rab11fip5 (NM_177466) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Rab11fip5 (NM_177466) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Rab11fip5
Synonyms:	9130206P09Rik; C75969; D6Ertd32e; GAF1; RIP11
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >MC220085 representing NM_177466
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGGCTCTGGTGCGGGACCCCTGAGCCGGCGGCCGGATCCTCCCGTGGCTGCCACGCATGTCCAGTGTA
 CCGTGCTGCGGGCCAGCGGGTTGAGGGCAAGAGCTCGGGCGCCGGCAGCACCAGCGACGCTACACGGT
 GATCCAGTGGGCCGAGAGAAGTACAGCACCTCGGTAGTGAGAAGACGCAAGGCTGCCCGGAATGGTGC
 GAAGAGTGTTCGTTTCGAGCTACCGCCTGGAGCCCTGGACGGCCTGCTGCGGGCACAGGAGGCAGATGCGG
 GCCCTGCGCCCTGGGCCCTCCGGCCCCAACGCCCTGCGAGCTCGTGCTCACCACCATGCATCGCTCACT
 CATCGGCGTGGACAAGTTTCTGGGCCGGGCAACCGTAGCTCTGGACGAGGTCTTCGCGCAGGCCGCGCC
 CAGCACACGCAGTGGTACAGGCTTCACTCCAAGCCAGGCAAGAAGGAGAAGGAGCGGGTGGATCCAGG
 TGACCATCCAGTTCACACGGAACAACCTGAGCGCCAGCATGTTTGATCTTCCATGAAGGACAAGCCACG
 GTCTCCCTTCAGCAAGCTCAAGGACAGAGTGAAGGGCAAGAAGAAGTATGATCTCGAATCTGCCTCAGCG
 ATTCTTCCAAGCAGCGCCCTGGAGGATCCTGAGTTAGGCAAGCCTGGGCAAGATGGGCAAAGCCAAAGGTT
 TCTTCTCCGAAACAAGCTACGCAAGTCTCGCTCACACAGTCTAACACCTCTCTGGGCTCTGACAGCAC
 CTTGTCTTCCACTAGTGGCAGCCTGGTCTACCAGGGACCCGGGGCGGAGCTCCTCACCCGCTCACCAAGC
 CACAGCAGCTGGCTGTCCACTGAAGGGGGTAGGACTCTATACAGTCCCCAAGCTGCTCACCCACAAGA
 GGACATACAGTGTAGAGCCAGCCAGCTTCGAGCAGCTCCTCCCCGGGCCCTTCTTGAGCTCAAAGGCCA
 CCTTGATGGTGCCTCCGCTCTCCCTCTGCGTCAATGGGAGCCATGTGTACAATGAGGAACCTCAGCCC
 CCCTTACGGCACCGCAGCTCCATCTCAGGCCCTTCCACCTTCAAGCTCCTTACACAGTGTCCACCTC
 GGTCTCTGAGGAGGGTCTCGGTCTCGATGATTCTTGGGGCAGAGGCAGCCATGGCACCAGCAGCTC
 AGAGGCAGTGCCTGGACAGGAGGAGCTGAGCAAGCAGGCCAAAGGGGCCAGTTGCTCTGGAGAGGAGGAG
 GGGGCCCGGTTACCCGAGGGGAAGCCAGTCCAGGTTGCCACCCCATGGTGCCTCCTCTGAGGCTGTGG
 CAGCAGAAAAGGATCGGAAGCCCGAATGGGGCTTCCATCACACCACCACCAAGGGCTGAGTCGGAG
 TGAGCAGGGGCGCGTGGCTCAGTCGGGGAGAAGGGGAGTCCGTCCTGGGAGCCTCCCCCACCATTCA
 TCCACCGGGGAGGAAAAGGCCAAGAGTAGTGGTTTGGCTGAGAGAATCCAAGGAGCCAACTCAGAAGC
 CCAGTCCCCACCCTGTGAAACCCCTTACTGCTGCCCTGTGGAGGCTAGCCCCGACGAAACAGCCCCG
 TACCAGCTGAGCACAGCCCTGAGTAGCGGACTGGAGAGGCTCAAACTGTCACATCTGGTGGCATCCAG
 TCTGTGCTTCCAGCGTCCAGCTTGGCTCAAGTGTGGACCAAGAGGCCAAAGGATTCTGCTGTGCTGG
 ACCAGTCGGCCAAGTACTATACCTGACTCATGATGAGCTCATTGGCCTGCTCCTGCAGCGTGAGCGTGA
 GCTGAGCCAGAGACGAGCATGTGCAAGAAGTGGAGAGCTACATTGACCGGCTGCTGGTGGGATCATG
 GAGACCTCGCCACACTGCTGCAAACTCCCCTGGCCCCCAAGTAG

AG**CGGACCG**ACGCGTACGCGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCC
 TGGATTACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-RsrII
- ACCN:** NM_177466
- Insert Size:** 1938 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:

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_177466.4](#), [NP_803417.3](#)

RefSeq Size: 4137 bp

RefSeq ORF: 1938 bp

Locus ID: 52055

UniProt ID: [Q8R361](#)

Cytogenetics: 6 37.35 cM

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]
Transcript Variant: This variant (2) lacks an alternate in-frame exon in the 5' coding region, compared to variant 1. It encodes isoform 2, which lacks an internal segment and is shorter, compared to isoform 1.