

Product datasheet for MC224218

Rab11fip5 (NM_001003955) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Rab11fip5 (NM_001003955) 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
Fully Sequenced ORF: >MC224218 representing NM_001003955
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGC**C

ATGGCTCTGGTGC GGACCTGAGCCGGCGCCGGATCCTCCCGCTGGCTGCCACGCATGTCCAGGTGA
 CCGTGTGCGGGCCAGCGGGTTGAGGGCAAGAGCTCGGGCGCCGGCAGCACCAGCGACGCTACACGGT
 GATCCAGGTGGGCCGAGAGAAGTACAGCACCTCGGTAGTGAGAAAGCAGCAAGGCTGCCCGGAATGGTGC
 GAAGAGTGTTCGTTTCGAGCTACCGCCTGGAGCCCTGGACGGCCTGCTGCGGGCACAGGAGGCAGATGCGG
 GCCCTGCGCCCTGGGCCTCCGGCCCCAACGCCGCTGCGAGCTCGTGCTCACCACCATGCATCGCTCACT
 CATCGGCGTGGACAAGTTTCTGGGCCGGCAACCGTAGCTCTGGACGAGGTCTTCCGCGCAGGCCGCGCC
 CAGCACACGCAGTGGTACAGGCTTCACTCCAAGCCAGGCAAGAAGGAGAAGGAGCGCGGTGAGATCCAGG
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 CTTGTCTTCCACTAGTGGCAGCCTGGTCTACCAGGACCCGGGGCGGAGCTCCTCACCCGCTCACC AAGC
 CACAGCAGCTGGCTGTCCACTGAAGGGGTAGGACTCTATACAGTCCCCAAGCTGCTCACCCACAAGA
 GGACATACAGTGATGAGGCCAGCCAGCTTCGAGCAGCTCCTCCCGGGCCCTTCTTGAGCTCCAAGGCCA
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 TGAGCAGGGGCGCCGTGGCTCAGTCGGGGAGAAGGGGAGTCCGTCCCTGGGAGCCTCCCCCACCATTCA
 TCCACCGGGGAGGAAAAGGCCAAGAGTAGCTGGTTGGCTGAGAGAATCCAAGGAGCCAACCTCAGAAGC



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CCAGCCTGGACGTGTCTCCTCAGGTAGAATCTGACCCAGCTGCTCCTCACCCCTGCTCCCCCAGGCTCT
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CCTGTGAAACCCCTTACTGCTGCCCTGTGGAGGCTAGCCCCGACAGGAACAGCCCGTACCAGCCTGA
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AGCGGACCGACGCGTACGCGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCC
TGGATTACAAGGATGACGACGATAAGGTTTAA
    
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- Restriction Sites:** SgfI-RsrII
- ACCN:** NM_001003955
- Insert Size:** 3957 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_001003955.2](#), [NP_001003955.1](#)

RefSeq Size: 6156 bp

RefSeq ORF: 3957 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 (1) represents the longer transcript and encodes the longer isoform (1).