

Product datasheet for **MC220105**

Rab11fip1 (NM_029423) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Rab11fip1 (NM_029423) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Rab11fip1
Synonyms:	2010200K21Rik; 4833414G05Rik; Rcp
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >MC220105 representing NM_029423
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGTCCTTGGCGCCTCAGCGGGCCGGGCCCGGGACCATGTGGTCCCCTACCCACGTGCAGGTGACGG
 TGCTACAGGCGCGGGGCTTGC GGCCAAAGGACCCGGGGCACGAGCGACGCGTACGCGGTGATCCAGGT
 GGGCAAGGAGAAGTACGCCACGTCGGTGTGGAGCGCAGCCTGGGCGCGCCCGTGTGGCGGAGGAAGCC
 ACCTTCGAGCTGCCTCCGCTGTCTCCGGGGCCGCGCCGGCCGCGCCACCCTGCAGCTCACCG
 TCCTGCACCGCGGTTGCTCGGTCTCGATAAGTTCTGGGCCGCGCCGAGGTGGACCTGCGGGAGCTGCA
 CCGGGACCAGGGCCGAGGAAGAAGCAATGGTACACCCTGAAGTCAAACCCGGGAAGAAGGACAAAGAG
 CGCGGGGAAATCGAGGTGCACATCCAGTTTATGAGGAATAACATGACGGCCAGCATGTTTGACCTCTCCA
 TGAAAGACAAGTCCCGAATCCATTTGAAAACTGAAGGACAAGATCAAAGGGAAGAATAAGGACAGCGC
 CTGGATACCGCCTCGGCATCGTCCCCAGCGTACACCCTCAGTCGACAGTGCAGTGCAGTGCCTTCTCG
 AAAGACAAGAAAAAGAAGTCAAAGATCAAGACTTTGTTTTCAAAGTCGAGTCTGCAGAAGACGCCCTCT
 CCCAGTCCATGTCTGTCTGCCACTTCCAAGTCAGACAAAGTTCTGTTGCGGGCCGGAGACTTCCAGTC
 CCAGTGGGACGATGACGCCCATGAGGATGAGTCTCTCCGCTCGGATGTATGTCTCACAAAGCGAACA
 TCCAGTACAGACCAACAACCGAACCAGTCCAATTCAGCCTTCCCAAGAAAGAGGGGCTTTCCTTCTTG
 GGGGCTCCGGTCCAAGAATGACTCTTTTCCGCTCTACCGTGTATCAACGGGAACCCAGTTTACAT
 GGAGCAGCCGGAGGCCAGGAGTGAATCAGAGAGAGCAGCCCTTAATTCCCATCCCCGAGGGCTTC
 AGGAGGAAGCATTTGTTCTCGTCCACTGAAAACCTGGCTGCCCGCTCTCCAAGGAACCGGGGAAGGAG
 GCGGCACATCTTCTGACAGGCGACTGTCCGACTTCCACCAAGGATTCATGAAGTCCATGCTTTTGCC
 ATCCTACCGCCCTCTGACCAGTGGGGACAATAGAGAGAGCATGTCTCCAGCAAACGTGGAGGCTGCCAGA
 GAGACAAAAGACAGCAAGAAACAGGAGAGCAAGAAGTCCTCTTTGCTTTCTGTTGACGGGAAAGAGGG
 ATGCGGCGGCTAAAGGCAGTGAAGCGAACCTTTCCTACTGTCTCAGAGAAAGAGAAGGAGAGGAAAGG
 CGCGCTCGTGAAGCCAGTGC GGGAGGAAGACCTCATGAGAAGGCCTGAGAAAGATGCTCTACCTGTT
 GCCTCCAGTGGGCGAGCTCCTGAACCCCTTTGAGGACGTGCAGATCTCAGACCCGGGAGCCACCAGG
 AGTCCAGGTGGAAACCGAAACCCAGTTCCTGCGGCCAGGGTCCCCAGACCAAGGCTGTGAAGCCGAG
 GCCTCACCTGTGAAGCCATGAACACAACAGCCACCAAGATTGCAAACCTAGTTTGGGAACCGCCACC
 ATCATCTAGAGAACCTGATCAGCGAGGCCCTCATGAAGAAATACCAGCCCTCGGATCCCGCCTTTGCCT
 ACGCGCAGCTGACCCACGATGAGCTGATCCAGTAGTCCCTCAAACAGAAAGGAGACCATCAGCAAGAAGGA
 GTTTCAGGTGCGGGAGCTGGAGGACTACATCGACAACCTGCTAGTCAGAGTCATGGAGGAGACCCCAAC
 ATCCTCCGAGTCCGGCGCAGATGGGCAAGAAGGCCGGAAAGATG**TAA**

AG**CGGACCG**ACGCGTACGCGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCC
 TGGATTACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-RsrII
- ACCN:** NM_029423
- 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_029423.2](#), [NP_083699.2](#)

RefSeq Size: 6402 bp

RefSeq ORF: 1938 bp

Locus ID: 75767

UniProt ID: [Q9D620](#)

Cytogenetics: 8 A2

Gene Summary: A Rab11 effector protein involved in the endosomal recycling process. Also involved in controlling membrane trafficking along the phagocytic pathway and phagocytosis (By similarity).[UniProtKB/Swiss-Prot Function]
Transcript Variant: This variant (2) lacks an alternate in-frame exon in the coding region, compared to variant 1. The resulting isoform (2) lacks an internal segment, compared to isoform 1. Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.