

Product datasheet for MC223800

Rab11fip1 (NM_001080813) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Rab11fip1 (NM_001080813) 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
Fully Sequenced ORF: >MC223800 representing NM_001080813
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCGCGATCGCC

ATGTCCCTGGCGCCTCAGCGGGCCGGGGCCGGGGACCATGTGGTCCCCTACCCACGTGCAGGTGACGG
 TGCTACAGGCGCGGGGCTTGCGGGCCAAGGGACCCGGGGCACGAGCGACGCGTACGCGGTGATCCAGGT
 GGGCAAGGAGAAGTACGCCACGTCCGGTGTCCGAGCGCAGCCTGGGCGCGCCCGTGTGGCGGAGGAAGCC
 ACCTTCGAGCTGCCTCCGCTGTCTCCGGGGCCGCGCCGGCCGCCACCCTGCAGCTCACCG
 TCCTGCACCGCGCTTGCTCGGTCTCGATAAGTTCTGGGCGCGCCGAGGTGGACCTGCGGGAGCTGCA
 CCGGGACCAGGGCCGAGGAAGAAGCAATGGTACACCCTGAAGTCCAAACCCGGGAAGAAGGACAAGAG
 CGCGGGGAAATCGAGGTGCACATCCAGTTTATGAGGAATAACATGACGGCCAGCATGTTTGACCTCTCCA
 TGAAAGACAAGTCCCGGAATCCATTTGGAAAACGAAGGACAAGATCAAAGGGAAGAATAAGGACAGCGC
 CTCGGATACCGCCTCGGCCATCGTCCCCAGCGTGACACCCTCAGTCGACAGTGACGATGAGTCTTCTCG
 AAAGACAAGAAAAAGAAGTCAAAGATCAAGACTTTGTTTTCAAGTCGAGTCTGCAGAAGACGCCCTCT
 CCCAGTCCATGTCTGTCTGCCACTTCCAAGTCAGACAAAGTTCTGTTGGGGCCGGAGACTTCCAGTC
 CCAGTGGGACGATGACGCCCATGAGGATGAGTCCCTCCTCGCCTCGGATGTATGTCTACAAGCGAACA
 TCCAGTACAGACCAACAACCGAACCAAGTCCAACCTCAGCCTTCCAAGAAAGAGGGGCTTCTCTCTTG
 GGGCCTCCGGTCCAAGAATGACTCTCTTCCCGCTCTACCGTCTGTATCAACGGGAACACGTTTACAT
 GGAGCAGCCGGAGGCCAGGAGTGAGATCAGAGAGAGCAGCCCTTCTAATTCCTCCATCCCCGAGGGCTTC
 AGGAGGAAGCATTGTTCTCGTCCACTGAAAACCTGGCTGCCCGCTCTCCAAGGAACAGGGGAAGGAG
 GCGGCACATCTCTGACAGGCGACTGTCCGACTTCCACCAAGGATTCCATGAAGTCCATGTCTTTGCC
 ATCCTACCGCCTCTGACCAGTGGGACAATAGAGAGAGCATGTCTCCAGCAAACGTGGAGGCTGCCAGA
 GAGACAAAAGACAGCAAGAAACAGGAGACGAAGAAGTCTCTTTGCTTTCTGTTGACGGGAAAGAGGG
 ATGCGGGGCTAAAGGCAGTGAAGCGAACCTTCTCCACTGTCTCAGAGAAAGAGAAGGAGAGGAAAGG
 CGCGCTCGTGGAAAGCCAGCTGCGGGAGGAAGACCTCATGAGAAGGCCTGAGAAAAGATGTCTACCTGTT
 GCCTCCAGTGGGGCAGCTCCTTGAACCCCTTTGAGGACGTGCAGATCTCAGACCCGGGAGCCACACGG



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AGTCCAGGTCGGAACCGAAACCACCAGTTCCTGCGGCCAGGGTCCCCAGACCAAGGCTGTGAAGCCGAG
ACTGGAAGTTTCTCCAGAGGCTCAGCCCAAAGCCAGGCTTCCCTCCCCGACTCTGCTCTTTGCCCCC
TTTCCCTCTGACTCTATTACGCTCCTGTCTTTCCGACTTGAGATGTGACTCAGAGACACAGTTCTCTG
AAAGTCCTTCTGCCTCCTTTTCTGTCCCCCTTAGCAGCTCCTATCTCCACATCCACTCCAGTCGAGCC
CTGGCCACAGGCCAGGGTGAGGCCGATGCTGAAAAACCTTCTTGCTCCTCAGAGCAGTCCCTAGTTTA
ACACCGGCTGCAAACTGGTTCTTCTGCCTCGGGATCACCTTGTGAACAACCTTCTACACCTGTGCGGA
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CCCCCTTCTAGAGGACGAGGCTCCTCGTTTACCAGCATCGCACAGAAAACAGAGGGGATGCATCAGA
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AACAGAAGGACCCACTAGGCTTGAGGAGGAGGACAGAGGTCATGCCAGCAGCTGACACAGGAAGGGCT
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TGACCGCAGAAGCTCAGCCTAACATTTCTTCTGAAGGCAAGTGTTCGGGAAGGCCCCACAAGTGAAGC
CAGCCCAGCAAGAGGTACCCAGCCTTGTGATGGATGAGAAGGATGACCTCATGGTCCCTGTCAGAGCAA
GCCAGCGATCATGAAGGCTGCTCTTAACCCCTGAGTGACCTCCGTCCGCTCGGATGTGAAATCTC
CCATCATAGCTGATCTGAGCTTGTCTCTCCCGTCCATTCTGAAGTGGCATCGGATGATGAAAGAGTCGA
TGAGGTTGGAGATGGAGGAAAGGCAGAGAAGTTGGTTGATCTAGAAGCAGGAGTTTACCCTGGAACGTG
TCACATTCATCCTGGAGACGTCAGGAAGGCTAGTGGCAGGGCAGGTGAATCAGTGCCACAGAGAATC
AGTGTGACTTCAGGCCCCAGGTTGCTCAAGTGAGAATGAAGAGCTACCAGGCCCTGGCACTGTCGAGGA
AGAGAAGCTGATAGGAGGTGAGAAGCCAGCTTACCTCTGTGCGTATCCAGGACTCTTCTGTGCCCAGC
CCCTCAGTCGCTGAGACCTTTCCCGCCGATACTTCCCCCAGTTCTCCACTCCGACACTCACCACA
CCAGTGAAGCAGAATCGCAAAAACAAGCAACGGCAGACGTCCTCACTAGTAGAGCTGAGAATTTGGCAA
GAAGAAGCCACTTCTACAAGCCTGGGTTACACCCTCAGAGATACATCCAACCCAGCTTTGCCAAGCGCA
GGAGCTGGGGCAGCCAAGCACAGGCCTACCCTGTGAAGCCATGAACACAACAGCCACCAAGATTGCAA
ACTCTAGTTTGGGAACCGCCACCATCATCACTGAGAACCTGATCAGCGAGGCCCTCATGAAGAAATACCA
GCCCTCGGATCCCGCCTTGCCTACGCGCAGCTGACCCACGATGAGCTGATCCAGCTAGTCTCAAACAG
AAGGAGACCATCAGCAAGAAGGAGTTTTCAGGTGCGGGAGCTGGAGGACTACATCGACAACCTGCTAGTCA
GAGTCATGGAGGAGACCCCAACATCCTCCGAGTGCCGGCGCAGATGGGCAAGAAGGCCGAAAGATGTA
A

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AGCGGACCGACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCC
TGGATTACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-RsrII
- ACCN:** NM_001080813
- Insert Size:** 3501 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_001080813.2](#), [NP_001074282.1](#)

RefSeq Size: 7965 bp

RefSeq ORF: 3501 bp

Locus ID: 75767

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 (1) represents the longer transcript and encodes the longer isoform (1). Sequence Note: The RefSeq transcript and protein were derived from genomic sequence to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on alignments.