

Product datasheet for **RN217535**

Rab11fip1 (NM_001191555) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Rab11fip1 (NM_001191555) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Rab11fip1
Synonyms:	Rab11-FIP1; RGD1562965
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>RN217535 representing NM_001191555 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGC**C

ATGTCCCTGGCGCCTCAGCGGGCCGGGCCCCGGGACTATGTGGTCCCCTACGCACGTACAGGTGACGG
TGCTACAGGCACGAGGCCTGCGGGCCAAGGGTCCCGGGGCACGAGCGACGCGTACGCGGTGATCCAGGT
GGGCAAGGAGAAGTACGCCACGTCCGGTGTCCGAGCGCAGCCTGGGCGCGCCCGTGTGGCGGAGGAAGCC
ACCTTCGAGCTGCCGCCCTCCTGTCTCCGGGACCGCGCCCGCCGCCACCTGCAACTCA
CCGTCTGCACCGCGCGTCTCGGTCTCGATAAGTTCCTGGGTGCGCGCGAAGTGGACCTGCGGGAGCT
GCACCGGGACCAGAGCCGAGGAAGAAGCAATGGTACACCTTGAAGTCCAAACCCGAAAGAAGGATAAA
GAGCGAGGAGAAATCGAGGTGGACATCCAGTTTATGAGAAACAACATGACGGCCAGCATGTTTGACCTCT
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CACCTCGGACACCGCCTCGGCCATCGTCCCCAGCAGCACACCCCTCGGTGACAGCGATGACGAGTCTTC
TCAAAAGACAAGAAGAAGTCAAAGATCAAGACTTTGTTTTCAAGCCGAGTTGCAGAAGACCCCGC
TCTCCAGTCCATGTCTGTCTGCCACTTCCAAGCCAGACAAAGTCTGTGCGGCCAGGAGACTTCCA
GTCCCGTGGGGTGACGAGGGCGACAATGAGGACGAGTCTCCTCTGCCTCGGAGGTGATGTCCCAAAG
CGAACATCCAGTACAGACCATACACAACCGAACAGTCCAACCTCAGCCTTCCCAAGAAAGAAGGGCTCT
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CGTTTACATGGAGCAGCCAGAGGCCAAGAGTGAGATCAGGGAGAGCAGCCCTTCTAACTCCCCCTCCCCG
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GGGAAGGAGGTGGCATGTCTCTGACAGGCGACTGTCCGACTCCTCCCAAGGACTCCATGAAATCCAT
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AAGGAAGGGTGTGCTCGTGAAGCCAGCTTCGGGAGGAAGATCTGGTGAGAAGACCTGAGAAAGATGCT
GTACCTGTTGCCCTCCCAATGGGGCAGCTCCAGAACCCTTTGAGGACGCACAGATCTCAGACCTGGAAG



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CCAGTGTGGAGTCTAAGTGTGAACCGAAACCACCAAGTTCTGTTCCAAGGACTCCCCAGACCAGAGCTGT
GAAGCCTAGACTGGAAGTTTCTCCAGAGGCTCAGCCCAAAGCTAGGCTTCCTTCTCTGACTCTGCTCCC
TTTGCCGCTTTTCTCTAGCTCTGCTCAGGCTCCTGTCTTTCTGACTTGAGATGTGACTCAGAGACAC
AGTTCTCTGAAAGTCCTTCTGCCTCCTTTCTCGTCTCCCCTAGCAGCTCCTATCTCTACATCTACTCC
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TCTAGTGTAACACCAGCGGCAACGCTGGTCTTCTGCTCGAGATCACCTTGTAACAGGATTTCCACAC
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CGTGTCTTTTTCTGAACAGCTCTTTGTGGAAGAAGAAACAGAAGGACCCACTTGGCTTGAGGAAGGGGAC
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AGTCTCCCCACACAGAAGGCACAGGACAGGAACCTGTGACCATCTTCTGAAAGTGAGAGTTTCTTGGA
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GGATGATGAAAGATTCGATGAGACTGGAGATGGAGGAAAGGGAGCAAGGCTGGCTGATCTAGAAGCGGGA
GTTTACCCTTGAATGTGTACCTTCCATTCTGGAGACGGCAGGGCAGACTGGTGGCAGGGCACATGAGT
CAGTGCCCGTGGAGAATCAGTGTGACCTCAGGCCCAAACCTCCCAAAGCGGCTCCTTCTGAGCAGACAGC
AGCATTGGGAAGTCCCAAGCCACATCTTGGCAAGAGCTCAAGTGTGAATGAAGAGTACCCAGGCCCTGAT
ACTGTGGACGAAGAGAAGCTGAAGGGAAGTGGGAGGCCAGGTTTCGCTCTGGACTCTCCCGTGGCAGCC
CCTCACTCGCTGAGACCTTTCCCGCCACACACTCTTCCCGGCTCTCCACCTCCGATACTCACCACAC
CACTGTAGCAGAATCTCAAAGCAAGCGACAGCAGATGTCTCCTAATAGAGTTGAGAATTTGGCAAG
AAGAAGCCAATTCTACAAGCCTGGGTACACCCTCAGAGATCCATCCAGTCCCGCTCAGCCAAGTGCGG
GAGCTGGGGCAGCCAAGCACAGGCTCACCCCGTGAAGCCGATGAACACAACAGCCCCAAGATAACAAA
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CCCTCGGATCCAGCCTTGCCTATGCCAGCTGACCCACGATGAGCTGATCCAGTTGGTCTCAAACAGA
AGGAAACCATCAGCAAGAAGGAGTTCAGGTGCGGGAGCTGGAAGATTACATCGACAACCTGCTGGTCAG
AGTCATGGAGGAGACCCCAACATCCTCCGAGTGCCAGCGCAGACAGGCAAAAAGGCTGGAAAGATGTA

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AGCGGACCGACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCC
TGGATTACAAGGATGACGACGATAAGGTTTAA

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- Restriction Sites:** SgfI-RsrII
- ACCN:** NM_001191555
- Insert Size:** 3570 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).
- OTI Annotation:** Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
- 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_001191555.1](#), [NP_001178484.1](#)

RefSeq Size: 7848 bp

RefSeq ORF: 3570 bp

Locus ID: 498650

UniProt ID: [Q3B7T9](#)

Cytogenetics: 16q12.3

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: 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.