

## Product datasheet for **RN217041**

### **Rab11fip1 (NM\_001197241) Rat Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Rab11fip1 (NM_001197241) 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



[View online »](#)

**Fully Sequenced ORF:** >RN217041 representing NM\_001197241  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGATCGCC**

ATGTCCTGGCGCCTCAGCGGGCCGGGCCCGGGACTATGTGGTCCCCTACGCACGTACAGGTGACGG  
 TGCTACAGGCACGAGGCCTGCGGGCCAAGGGTCCCGGGGCACGAGCGACGCGTACGCGGTGATCCAGGT  
 GGGCAAGGAGAAGTACGCCACGTCGGTGTCCGAGCGCAGCCTGGGCGCGCCCGTGTGGCGGAGGAAGCC  
 ACCTTCGAGCTGCCGCCGCTCCTGTCTCCGGACCGCCCGCCGCGCCGCCACCTGCAACTCA  
 CCGTCTGCACCGCGCTGCTCGGTCTCGATAAGTTCCTGGTCCGCGCGAAGTGGACCTGCGGGAGCT  
 GCACCGGGACCAGAGCCGAGGAAGAAGCAATGGTACACCTTGAAGTCCAAACCCGAAAGAAGGATAAA  
 GAGCGAGGAGAAATCGAGGTGGACATCCAGTTTATGAGAAACAACATGACGGCCAGCATGTTTGACCTCT  
 CCATGAAGGATAAGTCTCGCAATCCGTTTGGGAACTGAAGGACAAGATCAAAGGGAAGAATAAGGACAA  
 CACCTCGACACCGCCTCGGCCATCGTCCCAGCACGACCCCTCGGTGACAGCGATGACGAGTCTTC  
 TCAAAAGACAAGAAGAAGTCAAAGATCAAGACTTTGTTTTCAAGCCGAGTTTGAGAAAGACCCCGC  
 TCTCCAGTCCATGTCTGTCTGCCACTTCCAAGCCAGACAAAGTCTGCTGCGGCCAGGAGACTTCCA  
 GTCCCGGTGGGTGACGAGGGCGACAATGAGGACGAGTCTCCTCTGCCTCGGAGGTGATGTCCAAAAG  
 CGAACATCCAGTACAGACCATACACAACCGAACCACTCACTCAGCCTTCCAAGAAAGAAGGGCTCT  
 CTTTCTCGGTGGCTCCGGTCCAAGAATGACTCCCTTCCCGGTCTAACGTCTGTATCAACGGGAACCA  
 CGTTTACATGGAGCAGCCAGAGGCCAAGAGTGAATGAGTACAGGAGAGCAGCCCTTAACTCCCCCTCCCG  
 CAGGGCTTCAGGAAAAGGCATTTGTTCTCGTCCACTGAAAACCTGGTCCCGGTCTCCTAAGGAGCCAG  
 GGAAGGAGGTGGCATGTCTCTGACAGGCGACTGTCGACTCCTCCACCAAGGACTCCATGAAATCCAT  
 GTCTTTGCCATCCTACCGACCCCTGACCACTGCGGACAGTAGAGAGGGCTTATCTCCAGCAACATGGAG  
 GTGGCTACCAAGAGACAAAAGACAGCAAGAAGCAGGAGAGCAAGAAGTCTCTTTGCTTCTCTGGTAA  
 CAGGAAAGAAAGATGTGGCTAAAGGCAGTGAAGGCGAACCTCTTCCCTGTCTCAGAGAAAGAGAAGGG  
 AAGGAAGGTGTGCTCGTGAAGCCAGCTTCCGGAGGAAGATCTGGTGAAGAAGACCTGAGAAAGATGCT  
 GTACCTGTTGCCTCCCAATGGGGCAGCTCCAGAACCCCTTGGAGACGCACAGATCTCAGACCTGGAAG  
 CCAGTGTGGAGTCTAAGTGTGAACCGAAACCAGTTCCTGTTCCAAGGACTCCCAGACCAGAGCTGT  
 GAAGCCTAGGCCTCACCCGTGAAGCCGATGAACACAACAGCCCAAGATAACAACTCTAGCTTGGGA  
 ACCGCCACCATCATCAGTGAACCTGATCAATGAGGCCCTCATGAAGAATACCAGCCCTCGGATCCAG  
 CCTTTGCTATGCCAGCTGACCACGATGAGCTGATCCAGTTGGTCTCAAACAGAAGGAAACCATCAG  
 CAAGAAGGAGTTCAGGTGCGGGAGCTGGAAGATTACATCGACAACTGCTGGTCAAGTCTGAGGAG  
 ACCCCCAACATCCTCCGAGTCCAGCGCAGACAGGCAAAAAGGCTGGAAGAT**GTGA**

AG**CGGACCG**ACGCGTACGCGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCC  
 TGGATTACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-RsrII

**ACCN:** NM\_001197241

**Insert Size:** 1947 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.

<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<u>NM_001197241.1, NP_001184170.1</u>
<b>RefSeq Size:</b>	6225 bp
<b>RefSeq ORF:</b>	1947 bp
<b>Locus ID:</b>	498650
<b>UniProt ID:</b>	<u>Q3B7T9</u>
<b>Cytogenetics:</b>	16q12.3
<b>Gene Summary:</b>	<p>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]</p> <p>Transcript Variant: This variant (2) lacks an alternate in-frame exon in the central 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.</p>