

## Product datasheet for **RN205118**

### **Abcf3 (NM\_001011896) Rat Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Abcf3 (NM_001011896) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Abcf3
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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**Fully Sequenced ORF:** >RN205118 representing NM\_001011896  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGCATCGCC**

ATGGCGACTTGCGCCGATATCCTGCGGAGCGAGTTCACAGAAATTGACGGGCAGGCTTTCGACTACGTGA  
 CTGGTGTTCACAGTGGCAGCGCGGATTCGAGTCTGTGGATGACCTGGTGGAAAGCTGTCGGAGA  
 ACTTGAAGAAGTGTGGGGGACAGCAAGGATGACGCGGGCATTAGGGCAGTCTGTGAGCGCATGTACA  
 ACTCTACGCTGGCTGAACCGCAGAACAGGAAACAACAGGTGCTACTGGACGCCCCATCCAGTTGT  
 CGAAGATAATGGAAAATGACTGTGACACCAAGCTTCCAGGACTGCTAAAGAGGGAACAGTCTCGAC  
 AGTAAATGCAAAGAACTAGAGAAGGCCGAAGCTCGACTGAAGGCAAAGCAGGAGAAGCGTTAGAGA  
 GAAACGCTGAAGACCAGCAGCCCCCTAGTCTGGAGGAGGCATCAGCTAGCCAGGCAGCCGAAAA  
 AGAGTCGGTTGGAATCATCTGGCAAGAACAAGTCTATGATGTGCGAATTGAGAAGTTCGATGTCTCT  
 TGGTGACAGGGTCTGCTGGCCGAGCAGAGTGAAGTGGCATGGGGCCGACGCTACGGGCTAGTGGGA  
 CGCAATGGTCTGGGGAAGACGACATTGCTAAAGATGCTGGCCACCCGGAGCTTGGTGTGCCAGCCATA  
 TTTCCCTACTGCATGTAGAGCAGGAAGTGGTGGAGATGACACCCCTGCCTGCAGAGTGTGCTGGAAG  
 TGATACCATACGAGAGGACCTGCTACGGCAGGAACGGGGACTCAGCCTCAAGATTGCTGCTGGCAGGCA  
 GAGGGTTCAGAGGCCGACTGCTGGCAGAAGTCTACACGAAGCTGGAGGAGATTGAGGCAGACAAGGCTC  
 CTGCCAGAGCATCAGTATTCTCGCGGGCTTGGCTTACCCCTAAAAATGCAGCAGCAGCCTACCAGGGA  
 GTTCTCTGGCGGTGGAGGATGAGATTGGCCTTGGCCGGGCTCTCTTGGCAGGCCAGACCTTCTGCTG  
 TTAGACGAACCCACCAACATGCTGGATGTCAGGGCCATCTGTGGCTGGAGAATTACCTGCAGACGTGGC  
 CCTCCACTATCCTAGTTGTCTCATGACCCGAAGTTCCTGAATGCCATTGCCACAGACATCATCCACT  
 GCATAGCCAACGGCTAGATGGTTACCGAGGAGACTTTGAGACCTTCATCAAGAGCAAGCAGGAGCGGCTA  
 CTAACACAGCAGCGAGTATGAGGCACAGCAGTATCGACAGCACATCCAGGTTTTCTTGGACCGCT  
 TCCGGTACAATGCAAACAGAGCCTCTCAAGTGCAGAGTAACTGAAGATGCTGGAGAAGCTACCTGAACT  
 AAAGCCGGTGGACAAGGAGTCGGAGGTGGTGTGAAGTCCCTGATGGCTTTGAGAAGTCTCACCGCCA  
 ATCCTGCAGCTGGATGAGGTGGATTTCTACTACGACCCTAAGCACATCATCTTACGCCGCTGTCTGTCT  
 CTGCCGATCTCGAGTCCCGCATCTGCGTGGTGGGGAGAATGGGGCTGGGAAATCCACTATGCTGAAGCT  
 GCTCATGGGGACCTGGCTCTGTTCGGGGATTAGGCATGCCACAGGAATCTGAAGATAGGCTATTTT  
 AGCCAGCACCATGTGGAGCAGTACTTGAATGTCAGTGTGGAAGTCTGGCTCGAAAATTTCTG  
 GCGACCTGAAGAGGAATATCGTACCAGTTGGCCGCTATGGTATCTCCGGGGAGCTGGCCATGCGCCC  
 TGGTTCGAGCCTGTCTGGGGCCAGAAGAGCCGGTGGCCTTTGCTCAGATGACCATGCCTTGCCTCAAC  
 TTCTATATTCTGGATGAACCCACAAACCCTGGACATGGAGACAATTGAAGCTCTGGGCCATGCTCTCA  
 ACAACTTCAGGGGTGGTGTGGTTCTGGTATCTCATGACGAGCGCTTATCCGACTGGTGTGCAAGGAGCT  
 GTGGGTGTGCGAGAAAGCAGTGTCACTCGGGTCGAGGGAGGATTTGACCAGTACCGAGCCCTCTCCAA  
 GAACAGTTCGCCGGGAGGGCTTCTCTGA

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI

**ACCN:** NM\_001011896

**Insert Size:** 2130 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).

<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_001011896.1</u> , <u>NP_001011896.1</u>
<b>RefSeq Size:</b>	2536 bp
<b>RefSeq ORF:</b>	2130 bp
<b>Locus ID:</b>	287982
<b>UniProt ID:</b>	<u>Q66H39</u>
<b>Cytogenetics:</b>	11q23
<b>Gene Summary:</b>	Displays an antiviral effect against flaviviruses such as west Nile virus (WNV) in the presence of OAS1B.[UniProtKB/Swiss-Prot Function]