

## Product datasheet for **RN202768**

### **Rnf216 (NM\_001107122) Rat Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Rnf216 (NM_001107122) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Rnf216
Synonyms:	RGD1565135
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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**Fully Sequenced ORF:**

&gt;RN202768 representing NM\_001107122

Red=Cloning site Blue=ORF Orange=Stop codon

 TTTTGAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**GCGATCGCC**

ATGGCAGAGGAAACAACCAAGAGGAGGTCACTTGAACAACTTTCCTGACCAGGGGGAAGGAGT  
 GGATGGCTGTGAGAGAGGGCCCATCACCATATCTGACTCCTCTGATGAGGAAGGGATTCCAATGCTGGT  
 TACCCCGCTACTGAGCAACAGGAAGACGACCTGGATGATGATGTCATCCTGACGAAACACATAAACCT  
 CAGACATCCCGCCCAATCTCATCAAACAGCTGCCGAGTGGCAAGATCTGAACAGATTGGGAGAAGAAA  
 GGCCTAGAAAATCTAGAGCAGACTTTGAAGCAGATACCCACAGCTATTTTTCTTTTGAACAACTCATT  
 GTTTGATTCTGGGGCACAGGATGATTCTGAGGATGAATGTGGTGGATTTCTGGATCTAAGACTGAGAAA  
 AAAGGAGGAGAAGCCAAACCTGGACCAAGCAATAAGCAGACAGCAGACAATACTGTCAGCCCCAGGCTGG  
 AGCAGAAAAGTCATTATTTGGGAGAAAATGGTCTTCTTTTTTCAGAAAAGTGAGCCTCTGGAAGTTCAGAA  
 CCAATTATCTGAAGACTCAGAGACAGATCTTTATCAAATCCTGGTGAGCCAGCTGCCTCAGTAGATGAG  
 CAGCTAATTGAAGAAGAGTACTGGCTTGACCATCCCTACTTCCAGGCTCTGAATCCACAGCTCAGGAGA  
 GAACAAACCAGCTTGTGCCCAAGAGCGACATTCTGAATCAGAAATGGGCCCAATGTTTTCCGCCATGA  
 TTTCCCGGAGCCAGCTTTTCCAAGGCCAGAACCCAGCAGGAGGGGATTCCAGGACCCGCTTCTCCACAA  
 CCAGCCCATCCTCTAGGAGAGCTTGAAGACCAGCAATTAGCAATTGATGAAGACCCTGGGCTGCCTACC  
 CCCTGCCAGGACCCAGGAGGCCAATTTGGCAAATGTGTGGGGACAAGAAGCTGCTGAAGGGGATCAAGA  
 GCTCATTCCACTGTTAGTGAAAGAAACGGAAAGCAAGATTTCCAGACGTAGCAATGGATATGTTGAAGAG  
 ATAATTCATTTGAAAAATTAATGATTGAAATGACTTTGTAATTTTCTCTGGAAAATCCAGATTATC  
 CAAAGAGAGAAGACCGAATCCTTATCCACCCAGCAGTAGCCTGCTTCCAGCCAGGATGTGAAGTT  
 GCCTAAGATAGACTTTTTGACTATTCCAAATGACTCCAATTGACCAGCGCTGCTTCATCCAAGCTGCT  
 GACCTCTTGATGGCTGATTTCAAGATGCTCAGCAGCCAGGACATCAAGTGGGCCCTGCACAGCTCAAAG  
 GGCATTACGCAATCACCCGAAAGGCCTTTTCTGATGCCATTAATAAATGGCAGGAGCTATCACCTGAAAC  
 CAGTGGAAAGCGGAAAAAGGAAAGAAATGAATCAGTATTCTTTCATAGACTTCAAATTTGAACAAGGT  
 AACATAAAAAATAGAAAAGAGGATGTTCTTTCTGGAAAACAAGCGTCGACACTGTAGGTCCTATGACCAGC  
 AGGCCCTCCTCCAGCTGTGCAGCAAGAGCAGGAGTCTATGAGCAGAAAATTAAGAGATGGCAGAGCA  
 CGAAGATTTTTGCTTGCCTGCAGATGAATGAAGAGCAGTATCAAAGGATGGCCAGCTGATTGAATGC  
 CGCTGCTGCTATGGGGAGTTTCCATTTGAGGAGCTGACACAATGCGCTGATGCTCACTTGTCTGCAAAG  
 AATGTCTCATCAGATATGCCAAGAGGCCGTGTTGGATCTGGAAAGTCAGAGCTCAGCTGCATGGAAGG  
 CAGCTGCACATGTTCTTCCCAACCAAGTGAAGTGGAGAAAGTGTCCCCAGACCATTCTGTACAATAC  
 TATGAACGGAAAGCTGAAGAGGAAGTCGCAGCAGCCTATGCTGACGAGCTTGTCCGGTGCCCTCTTGCA  
 GCTTCCCTGCTCTGTTGGACAGCGATGTGAAGAGGTTCACTGCCCTAACCTCGCTGCCGAAAGGAGAC  
 CTGTAGGAAGTGTGAGGACTCTGGAAAGAACACAATGGCCTCACCTGTGAAGAGCTGGCAGAAAAGGAT  
 GACATCAAGTACCGGACATCTATTGAAGAAAAATGACTGCTGCTCGAATTAGAAAATGCCACAAGTGTG  
 GGACTGGCCTCATCAAATCTGAAGGCTGCAACCCGATGTCTTGGCGCTGTGGTGGCCAGATGTGCTACCT  
 CTGTGAGTTTCTATCAATGGCTATGACCCTTCTGCCAGCATCCTCGCTCTCCAGGAGCCCTTGCCAG  
 GAATGTTCCAGGTGCTCCCTCTGGACCCGACCCACTGAAGATGATGAGAAGCTGATTGAGGAGATCCAAA  
 AGGAGGCTGAGGAGGAGCAGAAAAGAAAGAAATGGAGAGAACAATTTCAAACGCATCGGGCCCCACTGGA  
 GAAGCCGGCTGAGAAAAGTGCAGCGTGTGGAAGCCCTGCCACGGCCTGTCCACAGAACCTGCACCCTCAG  
 ATGCCACCCTATGCCTTTGTCCACCCACCCTTCCCCCTGCCACCTGTGCGGCCGTGTTCAACAACCTCC  
 CCATCAACATGGGTCTGTGCCCGACCCTATGTACCCCTCTGCCAACGTGCGTGTCAACTTCGACTT  
 TGGCCACGTGCATGTGCCCTGGAGCACAACCTGCCATGCACCTTGGCCCCAACACGGCATCGCTTC  
 TGA

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:**

SgfI-MluI

<b>ACCN:</b>	NM_001107122
<b>Insert Size:</b>	2733 bp
<b>OTI Disclaimer:</b>	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><a href="#">NM_001107122.1</a></u> , <u><a href="#">NP_001100592.1</a></u>
<b>RefSeq Size:</b>	4759 bp
<b>RefSeq ORF:</b>	2733 bp
<b>Locus ID:</b>	304294
<b>Cytogenetics:</b>	12p11