

## Product datasheet for **RN203815**

### **Cwf19I2 (NM\_001135003) Rat Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Cwf19I2 (NM_001135003) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Cwf19I2
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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**Fully Sequenced ORF:** >RN203815 representing NM\_001135003  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGGCGCGGTTTCGGTTTAAAGATTGAAAGTGCTAGCAGTATTGAAGAAAAGAAAAGAACAGACCCGTATTG  
 CCAGGGCCGAGGTGTACGCCAGGCCAAACATAATTTTAAAAAGAACAAAGGGATAAAGAACTTAAGCA  
 ACTTCGAGGTGAGGACACATGGATGCTACCTGATGTGAATGAGCGAATTGAACAGTTCGCACAGGAACAT  
 TCTGAGAAGAAAAGAAGAAAAAACAAGCATTCAAAAAAGTGAAGAAAGAGAAGAAAAAGAGAGGA  
 AGAAACAGAAATGTCAGATACAGAGTGAGTCAACTGACAACTCTCAAGCTCTGAAGACGAGTGGTTGA  
 GGCTGCTCCCTCCAGATACCTGGCAAAGAAAAGACCTGGAAGGTGAAAGACAAAAAGACAGAAAAAGAA  
 TGTGACAGCCAATCTATTCAGCACGATGAGTGGATGACTGTTGATTTTATGTCCATTAAGCTGTGTCTT  
 CATCATCACTCAAAGCTGAAAAGGAAACTCTAAGACAAATAGAGCAGGAGAAAACCAAGCGTTAGAGCA  
 GTCCAAACTGCTAGAAAGAGAATTGAATCCATACTGGAAGGACGGGGTACAGGTCTCCACCGGAAAAC  
 TGTATACTGCCAGTTACTAAAGCTGGAGGAGTAGAGGATGGTGGATTAAGCTGGCTAAGAAAGTCTTGTC  
 AAAGAATGAAGGAACAAGCTCAAAAAGAAAACAGAAATTTTGAAGATATTGTAGCTGAAAAATATGGGTC  
 AATGGAATATTTTCAGTCAAAATTTAAAAGAAGTTGAAAAATTTACTTACAAAAGAGAAGACTATGGACAG  
 GAACGGTGGAGGAAGTCTGCGTATTTCAGAAAAAGCACAGCGTAGTCAAGCAAGTGGCACTTCAGATTTAG  
 TGAAATGTAAAAATATCTCTGAGGACAGACACATGGAAATGGAGCCTACAAGCAGCAGCAACTGTAAGTT  
 TAGTGGTCTGACTCAGGGAAGGGACCTGGGACTTTAGGAACCTGTAGAAGAGAATCTGCAATAAGAAAA  
 AGCCAAGAATCTCTGAAAATTTGAGATCTAAATCTTAAAGACCTCTGATGAAGATGATGTCATTTTC  
 ACAAGAGAAGAAAATTTTCAGTCACTACTTACATTTTCATTAGTGGCTCAGGCTTCTTTCGATTTGTA  
 TTTTCGAAAACCCACAGACTACAGTGAAGAAAGTTCAACATCCTGGAGTCGATCTGATGGGCGAGAAGAC  
 AGGAAACCTTCAGATCAAAAGTCATTGGAAACCTGGAGCTGACGTACCAATGAGGACTCTATAAGAGATA  
 GAAGAGAACAGTTACAGTCTGAGAGAGAGAGGCATGATCCACCAGCAAGAGGACAGCTGCAGGACATAAT  
 GTTGACAGTTGCTGGTCCAAAGACAGAGCCATCTATCCCTTGAATGCTGATGAAAAGAACAAGTGGGG  
 GCCAAGATTATCAAGGCAGAAATGATGGGGAATATGGAATTAGCTGAACAACCTTAAAGCCCAACTTAAAG  
 AGGCAATAAATTTAAAGAAACCATTAGACAGATACCAGCAAAAAGATCAGGGGTAGAGCATGAAGATGA  
 ACAAGAAGTAATCCTTACTCGAACAGATGAGTCTGGAAGAGTGTGGCCTGTGAGCAGCCCTAGAGAAACC  
 CTGGATATGAAAGAAGAAAGAAGGAAGAGACAGAGAGCTCAACCCATGAGGATAAAGAAAGGATCCGAT  
 ACTTTCCTGATGATGATCATTGAGTCTCAATGATTTAGTCAGGAATGAGAAAATGGGAACAGATATTGA  
 TCAAAACAGACTTTTCATGAAAATGGCATCTAAGTTTATGGGAAAATCACATGGAGACTATTGTAAGTCTG  
 GATGACATGTTTGTCTCTAAAGCAGCTGAGAAAAGAACATCCTGGTAAGAAAAGAGAGAGCCAGAGGAGAA  
 GAGCAATTGCTGAGCACCAGGTGCTTGCTGCACAAATGGCAAAGTGTCTGTACTGTCTTGACAGCTCTCA  
 GTTCCCAAGCATCTTATTGTTGCAATCGGTGTGAAGGTTTATTTATGTTTACCCAATCCCGGTCTCTT  
 ACTGAAGGACACTGCCTGATAGTCCCTCTACAACATCATCAAGCAGCCACTGTATTAGATGAAGATATCT  
 GGGAGGAGATTCAGATGTTTCGGAAATCATTAGTAAAAATGTTTGAAGATAAAGAATTTGAAATGTATCTT  
 TTTGGAGACAAGTATGGGATTGAAGAAACAGATCACATGGTTTATGAGTGTATCCCTCTCCCAAGGAA  
 GTGGGTGATATGGCTCCCATCTATTTTAAAGAAAGCCATAATGGAATCTGATGAAGAATGGTCTATGAATA  
 AGAAGTTGATTGATTTGTCTTCAAAAGATATTAGAAAGTCTGTACCCAGAGGCTTGCCTTACTTTGCTGT  
 AGACTTTGGACTTCAGGGAGGATTTGCCACATCATTGAAGATCAGTACAAATTTCTCATTACTTTGGA  
 AAGGAAGTCAATGGTGGTATGCTGGATCTAGAACCAGGCTGTGGAGGAATGGGATCCGAGAAAGCTTTG  
 AGGACCAGAGGAAGAAAGTGTTCAGTTTGTCTCAGTGGTGGAAACCATATGATGCTACTAAAAGTAAAG  
 CATT**TAA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI  
**ACCN:** NM\_001135003

<b>Insert Size:</b>	2667 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_001135003.1</a></u> , <u><a href="#">NP_001128475.1</a></u>
<b>RefSeq Size:</b>	6346 bp
<b>RefSeq ORF:</b>	2667 bp
<b>Locus ID:</b>	362804
<b>Cytogenetics:</b>	6q12