

## Product datasheet for **RN212616**

### Irf4 (NM\_001106108) Rat Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Irf4 (NM\_001106108) Rat Untagged Clone  
**Tag:** Tag Free  
**Symbol:** Irf4  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**Cell Selection:** Neomycin  
**Fully Sequenced ORF:** >RN212616 representing NM\_001106108  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGATCGCC**

ATGAACCTGGAGACGGGCAGCCGGGCTCAGAGTTCGGCATGAGCGGGTGAGCTGCGGCAACGGGAAAC  
 TCAGACAGTGGCTGATCGACCAGATCGACAGCGGCAAGTACCCCGGCTGGTGTGGGAGAACCAGGAGAA  
 GAGCGTCTCCGCATCCCGTGGAAACACGCGGGCAAACAGGACTACAACCGGGAGGAGGACGCAGCCCTC  
 TTCAAGGCTTGGCACTATTTAAAGCAAGTCCGAGAAGGGATTGACAAGCCAGATCCTCCTACTTGGA  
 AGACAAGATTACGATGCGCTCTGAACAAGCAATGACTTTGAGGAACTGGTAGAGAGGAGTCAGCTGGA  
 TATCTCCGACCCATACAAGTCTACAGGATTGTTCCAGAGGGAGCCAAAAAGGAGCAAAGCAGCTCACT  
 TTGGAAGACACACAGATGGCCATGGGCCACCCCTACCCCATGACAGCACCTTATGGCTCTCTGCCAACCC  
 AGCAGTTTCATAACTACATGATGCCACCCATGACAGGAGCTGGAGGGATTATGCCCTGACCAGTCACA  
 CCCAGAAATCCCATATCAATGTCCTGTGACGTTTGGCCCGCGGCCACCACTGGCAAAGCCCATCTTGT  
 GAAAATGGTTGCCAGGTGACAGGAACCTTTTATGCTTGTGCCCCACCTGAGTCCCAGGCTCCTGGAATCC  
 CCATTGAGCCAAGCATAAGGTCTGCTGAAGCCTTGGCGCTCTCAGACTGCCGGCTGCATATCTGCCTGTA  
 TTACCGGGACATCCTCGTGAAGGAGCTGACCACGTCAGCCCCGAGGGCTGCCGGATCTCCACGGACAT  
 ACCTATGATGTTAGCAACCTGGACCAAGTCTGTTCCCTACCCGACGACAATGGGCAGAGGAAGAACA  
 TTGAGAAGTTGCTGAGCCACCTGGAGAGGGGACTGGTCTCTGGATGGCCCCAGATGGGCTTTATGCCAA  
 AAGACTGTGCCAGAGCAGGATCTACTGGGATGGGCCCCTGGCACTGTCCAGTGTACGGCCCAACAACTA  
 GAAAGAGACCACACTTGAAGCTCTTTGACACGACGAGTTTCTATCAGAGCTACAAGTGTGCTCACC  
 ACGGCCGGCCAGCACCGAGATCCAGGTGACTCTGTGCTTTGGGGAGGAGTTCCAGACCCTCAGAGACA  
 GAGGAAGCTCATCAGCTCATGTGGAACCTCTGCTAGCCAGACAAGTGTATTTTTTGTCAACAAAAC  
 AGTGGACATTTCTGAGGGGCTATGAATTACCTGAACACATTAGCACTCCAGATTACCACGGTCCCTCC  
 GTCATTCTCCATCCAAGAG**TGA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA



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<b>Restriction Sites:</b>	Sgfl-Mlul
<b>ACCN:</b>	NM_001106108
<b>Insert Size:</b>	1353 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_001106108.1</a>, <a href="#">NP_001099578.1</a></u>
<b>RefSeq Size:</b>	4804 bp
<b>RefSeq ORF:</b>	1353 bp
<b>Locus ID:</b>	291100
<b>Cytogenetics:</b>	17p12