

## Product datasheet for **RR206734**

### Irf6 (NM\_001108859) Rat Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Irf6 (NM_001108859) Rat Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Irf6
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



[View online »](#)

**ORF Nucleotide Sequence:**

>RR206734 representing NM\_001108859  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGGCCCTCCACCCTCGAAGAGTCCGGCTGAAGCCCTGGCTGGTGGCCAGGTGGACAGTGGCCTCTACC  
 CTGGTCTCATCTGGCTACATAGAGATTCCAAACGCTTCCAGATCCCTGGAACATGCCACGCGGCACAG  
 CCCCCAACAGAGGAAGAAAACACCATTTTAAAGGCTTGGCTGTGGAGACTGGAAGTACCAGGAAGGG  
 GTGGACGATCCTGACCCAGCTAAATGGAAGGCTCAGCTCCGATGTGCTCTCAACAAAAGCCGGAATTCA  
 ACTTGATGTATGACGGCACCAAGGAAGTGCCATGAATCCTGTGAAGATCTATCAAGTGTGTGACATCCC  
 CCAGCCCCAGGGCTCTGTCTTAACCCAGGATCCACAGGGTCTGCTCCTTGGGATGAGAAAGATAATGAT  
 GTGGATGAAGATGACGAGGAAGATGAACCTGAACAGTACAGCACCACGTCCTGATCCAGGACACCTTCC  
 CCTTCTGAACATCAATGGTTCTCCCATGGCACCAGCCAGCGTGGCAACTGCAGTGTGGAAAAGTGCAG  
 CCCTGAATCAGTGTGGCCAAAACAGAACCTCTGAAAATGGAAGTACCGCAGGCACCCATTACAGCCCTTC  
 TATAGTTCCTCAGAGCTGTGGATCAGCTCCCTCCCATGACTGACTTGGACATCAAGTTTTCAGTATCGTG  
 GGAAGGATATGGGCAAACCATGACGGTGAACACCCCAAGGGCTGCCGGCTCTTCTATGGGACCTGGG  
 CCCCATGCCTGACCAGGAGGAGCTCTTTGGTCTGTGAGCCTGGAGCAGGTCAAGTTCCCGGGGCCAGAG  
 CATATACCAATGAGAAGCAGAAGCTGTTACCCAGTAAGCTGTTGGATGTGATGGACAGGGGACTGATCC  
 TGGAGGTGAGCGGACATGCCATTTATGCCATCCGGCTGTGCCAGTGCAAAGTGTACTGGTCCGGGGCCGTG  
 TGCCCCCTCACTTGTGCTCCTAACCTGATTGAGAGGCAGAAGAAGGTCAAGTTGTTTTGTCTGAAACA  
 TTCTGAGTGAAGTATGCCCATCAGAAAGGGCAGATAGAGAAGCAGCCACCTTCGAGATTTACTTAT  
 GCTTCGGGAAGAATGGCCAGATGGAAGCCCTGGAGAGGAAGTCACTTGGTCCAGGTCAATCCAGT  
 GGTGGCTCGCATGATCTATGAGATGTTTTCTGGTATTTCACCCGGTCTTTGACAGTGGCAGTGTTCGC  
 CTGCAGATTTCCACTCCAGACATCAAAGATAACATCGTCGCTCAGCTCAAGCAGCTGTACCGCATCTTC  
 AAACCCAGGAGAGCTGGCAGCCATGCAGCCTGCCCCAGCATGCAGCTGCCGCCTGCCCTGCCTGCCCA  
 G

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:**

>RR206734 representing NM\_001108859  
 Red=Cloning site Green=Tags(s)

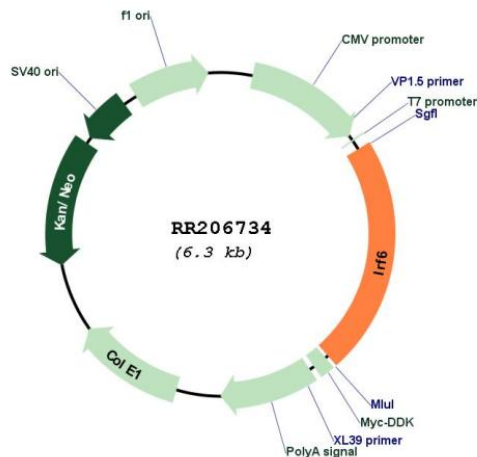
MALHPRRVRLKPWLVAQVDSGLYPGLIWLHRDSKRFQIPWKHATRHSPQQEEENTIFKAWAVETGKYQEG  
 VDDPDPKWKALRCALNKSREFNLMYDGTKEVPMNPVKIYQVCDIPQPQGSVINPGSTGSAPWDEKDND  
 VDEDDEEDELQSQHHVPIQDTFPFLNINGSMPAPASVGNCSVGNCSPEVWPKTEPLEMEVPQAPIQPF  
 YSSPELWISSLPMTDLIKFYRGKEYGQTMTVSNPQGCRIFYGDLGPMPDQEELFGPVSLEQVKFPGPE  
 HITNEKQKLFKSKLLDVMRGLILEVSGHAIYAIRLCQCKVYWSGPCAPSLAAPNLIERQKVKLFCLET  
 FLSELIAHQKGQIEKQPPFEIYLFCGEEWPDGKPLERKILVQVIPVARMYEMFSGDFTRSFDSGSVR  
 LQISTPDIKDNIVAQLKQLYRILQQTQESWQPMQAPSMQLPPALPAQ

**TR**TRPLEQKLISEEDLAANDILDYKDDDDKV

**Restriction Sites:**

Sgfl-Mlul

**Cloning Scheme:**

**Plasmid Map:**


**ACCN:** NM\_001108859

**ORF Size:** 1401 bp

**OTI Disclaimer:** The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

**OTI Annotation:** This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

**Components:** 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).

**Reconstitution Method:**

1. Centrifuge at 5,000xg for 5min.
2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.
3. Close the tube and incubate for 10 minutes at room temperature.
4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.
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.

**RefSeq:** [NM\\_001108859.1](#), [NP\\_001102329.1](#)

**RefSeq Size:** 4044 bp

**RefSeq ORF:** 1404 bp

**Locus ID:** 364081

**Cytogenetics:** 13q27

**MW:** 53.1 kDa