

## Product datasheet for **RN201063**

### **Irak3 (NM\_001108101) Rat Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Irak3 (NM_001108101) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Irak3
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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**Fully Sequenced ORF:** >RN201063 representing NM\_001108101  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGGCCGGCCCGTGC GG GCGCCGTTGGTACGCTGTGC CACACTCGCTGCTTTCGACCTGCCGCCGCGC  
 TGCTGGGCGAGCTGTGCACGATCCTGGATAGCTGCGATGGTCCGCTGGGCTGGCGGGCCTGGCGGAGCG  
 ACTTTC AAACAGCTGGCTGGATGTTCTGTCATATTGAAAAATATGTACACCAAGGTAAGTGAACAAGA  
 GAATTGCTGTGGTCTGGGCGCAGAAAAACAAGACCATTGGGACCTTTTACAGGTTCTCCACGAGATGG  
 GGCATCAACGAGCTATCCATCTAATCATGAACTATGGAGTAACTGGACTCCTCCAGTGCAGACTCATCA  
 CGAGCTTCGATTTCCCACTTACCACCTAACTCGAAGCCTGTGTGCAGAGAAAGTACCCCGGACCTCTG  
 GAGCTAGCCAATGTCACAGTGGATAATGTTCTTGTTCCTGAACATAATGAAAGAGGAGTAGTACTGCATA  
 AGACCCCTATCAGCTTCCAAAGTATCCTAGAAGGAACCAACATTTCCACAAAGACTTCTAATTGGAGA  
 AGGGGAGATATTTGAAGTATACAGAGTGGAGATTAGAAACCAACATACGCCGTTAAATTATTTAAACAG  
 GAGAAAACAATGCAGCTTAAGAAGCACTGGAAGAGGTTTTTGTCCGAACTGGAAGTTTTACTCCTGTTC  
 ATCACCCCCACATACTAGAGCTGGCTGCATATTTACAGAGATGGAGAACTTTGTCTGGTTTATCCCTA  
 TATGAGCAATGGGACACTTTTCGACAGATTACAGTGCACAAATGGCACAACCCCACTTTCTCTGGCAGTT  
 CGAATCAGTGTGTTGATAGGAATAGCCAAAGCCATCCAGTGTTCGACAACACCCCGCCGTGTGCCGTCA  
 TCTGTGGCAACATTTCCAGTGC AAACATACTCTGGATGACCAGTTCCAAACCAACTAACCGATTTTGC  
 CGCGGCGCACTTCCGACCCACCTAGAGCAGCAGAGTTTACCATAAAATGACCGGCAGCGCAGGAAG  
 CATCTGTGGTACATGCCGGAAGAATACATCAGACAGGGAAGACTCACCATTAAAACGGACGCTACAGCT  
 TTGGAATCGTGATCATGGAAGTTCTAACGGCTGCAAAGTGGTGGTGGATGATCCAAAACATGTTTCAGCT  
 GAGGGACCTCCTCATGGAAGTGGTGGAGAAGAGAGGCCTAGACTCCTGCCTCTCGTTCTTGGACAGGAAG  
 ATACCGCCTGTCTCGAACTTCTCTGCCAAGCTCTTCTCTCTGGCGGGCCAGTGTGTGCAACTCGGG  
 CCAAGTTAAGACCACGATGGACGAAGTCTGAACACTCTGGAGAGCACACAGCCTAGCTTGATTTTGC  
 AGAAGACCCTCCCACTTCTTGAAGTCTTTCAGGTGTCTTCTCTCTGTTCTTGGATAATGTTCCAAGT  
 ATTCCAGTAGAAGATGATGAAAACCAGAATAACTATCCAGTACCTCCAAAGGACTTTGAGGACAGATA  
 GAGTGACACAGAAAACCCCTTTGAATGCAGCCAGTCTGAGGTACCTTTCTGGGCTTGGATCGAAACAA  
 AGGGAACAGGGGAAGTGAAGCTGCTTGCACATGCCAGTCTTCTTGTGAGGAATGCTGGTCCCAGAG  
 CTTGCGGAAGCATCCCAGGACTTAAGGCCTACTGTGATCAGTTTGGGGTCTTCTTGGGAAGTACCAGGCT  
 ATTCTTATGGGAGCAAGCCAATGGAGAAGAGGTGTTCTCTGGACTCTTTTGCAGTGAGCACGAACAGTC  
 CAAAAGGCAGTGA

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM\_001108101
- Insert Size:** 1833 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).
- 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\\_001108101.1](#), [NP\\_001101571.1](#)

**RefSeq Size:** 2972 bp

**RefSeq ORF:** 1833 bp

**Locus ID:** 314870

**Cytogenetics:** 7q22