

Product datasheet for **RN207053**

Irx4 (NM_001107330) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Irx4 (NM_001107330) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Irx4
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN207053 representing NM_001107330
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGTCCTACCCGAGTTTGGATACCCCTATTCTCCGCTCCTCAGTTCCTGATGACCACCAACTCCCTGA
 GCACGTGCTGCGAGTCGGGCGGCCGACACTGGCTGACTCCGGGCTGCAGCCTCGGCCAGGCGCCGGT
 CTA**CTGCCTGTCTACGAGAGCCGGCTGTGGCCACTGCACGCCACGA**ACTCAATTCTGCCGCCGCGCTC
 GGTGTCTATGGGAGCCCTACAGCAGCTCGCAAGGCTATGGCAATTACGTGACCTATGGTCTGAGGCAT
 CTGCTTTCTACTCGTGAACAGCTTCGAGTCCAAGGATGGCACAGGATCTTCGCACGCCGGCCTACCACC
 CACTGCAGCTGCAGCCTACTACCCTTATGAGCCA**ACTCTGGGCCAGTACCCTTATGACAGGTACGGAACC**
 GTGGACAGCGGCACGCGCGCAAGAATGCCACCCGGGAGACCACCAGCACACTTAAGGCCTGGCTGCAGG
 AGCATCGAAAGAACC**CGTACCCACAAAGGAGAGAAGATCATGTGGCCATCATACCAAGATGACCCCT**
 CACACAGGTCTCCACCTGGTTCCCAATGCACGCCGGCGCCTCAAGAAGGAGAACAAGATGACCTGGCCA
 CCTAGAAATAAATGTGCAGATGAGAAGAGGCCATATGGGGAGGGTGAGGAGGAGGAAGCTGGAGAGGAGG
 AGTCACGGGAGGAGCCTCTCAAGAGTGTCAAGAGCGAAGGTCTCTGCTGGCAAAGAGGACAAGGA**ACTAGA**
 ACTCAGTGACTTGAAGACTTCGACCCTTAGATACAGAAACCTCAGAGTGTGAGCTGAAGACGCCCTTC
 CAGCCCTGGATAGTGTACCAGAGAGGATTCTCCTTCATCTGACGGTCTGGCACCGGCAAGGAGGCC
 CTGTACACTCCGGATGCCCTGGGCACTGTGATGGAGCTGTTATGGATGGGGATCTGGAGAGGGCAGC
 GAACTGCCTCCGAGCACAGTGGTAGCTCCTGACTCTGGCGTGAGGGCGGCCACAAGCCTGCGAAGCT
 AA**ACTGACTTTTGCTCCGGCCGGAGCGCCGCAAACTGGAGACCAAGCCCGCATCTGGTCTTGGCGC**
 ACACAGCTACTGCTGCAGCCACCGCTCTGAGCCAGACTGAGTTCCCTCCTGCATGCTGAAACTCTCA
 AGGTTCAACGGGTGCATCCGCGGTGACGCTCGCTCCTCACCTGCAGTCCCGGCCGCTTCTGGA**ACTCTG**
 GATAGGCACCAAGACTCCCCAGTAACTAGCCTCAGAAACTGGGTGGATGGTGTATTTTCATGATCCCATCC
 TTAGACACAGCACTTTGAACCAGGCCTGGGCCACCGCTAAGGGCGCACTTCTGGATCCCGGCCCTTAGG
 ACGCAATCTGGGGCGGGTACCAACGTACTGACGACGCCCTGGCTTGCTCCTCCGACCTACGGTGCC
 CAAGACGTCTCACCTGCAGGGCCCTCCCGGAGCTGCTGGCTACGCCAAGGCCAGTGGCAAACCCTTCT
 GCACT**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-Mlul

ACCN: NM_001107330

Insert Size: 1548 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_001107330.1](#), [NP_001100800.1](#)

RefSeq Size: 2564 bp

RefSeq ORF: 1548 bp

Locus ID: 306655

Cytogenetics: 1p11