

Product datasheet for **MC216464**

Irx2 (NM_010574) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Irx2 (NM_010574) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Irx2
Synonyms:	IRX6
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >MC216464 representing NM_010574
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGTCCTACCCGAGGGCTACCTGTACCAAGCGCCCGGCTCGCTGGCGCTCTACTCGTCCCCCGGTACG
 GCGCGTCCGCGCTGGCGGCGCCGCGCAGCGAGGAGCTGGCGGTTTCGGCGTCGGGCTCCGCGTTCAGCCC
 GTACCCCGGCTCGGCGGCCTTCACAGCGCAGGCGGCAACCGGCTTCGGCAGCCCGCTGCAGTACTCGGCG
 GACGCCGCGCCGCCGCGGCTGCCGGCTTCCCCTCCTACGTGGGCTCGCCATACGACACGCACACCACCG
 GAATGACTGGCGCATCAGCTACCATCCATATGGCAGTGGCGCTATCCATACCAGCTCAACGACCCCGC
 GTACCGTAAGAACGCTACGCGGGACGCCACTGCCACACTGAAAGCCTGGTCAACGAACACCGAAAGAAC
 CCGTACCCACCAAGGGAGAGAAGATCATGCTGGCCATCATACCAAGATGACCCTCACGAGGTCTCCA
 CCTGGTTCGCAACGCGCGCCGACGTCTCAAGAAGGAGAACAAAATGACCTGGGCCCAAGGAACAAAAG
 CGAGGATGAGGACGAGGACGAGGAGATGCTTCCAGAAGCAAGGAGGAGATTAGACAAGGCACAGGAT
 GGCACAGAGACCTCTGCGGAGGACGAAGGATCAGTCTACACGTCGACTCGCTCACGGACCACTCGTGCT
 CAGCGGAGTCAGATGGGGAAAAATTGCCCTGCCGCGCCGGGGATGCCTTGTGCGAATCAGGCTCAGAGTG
 TAAGGACAAGTTTGAGGACCTGGAGGACGAGGAGGACGAGGAAGACGAGTGCAGCGGGACCTGGCGCCA
 CCCAAGCCCGTAACCTCCTCGCTCTCACCGGCGTGGAGGACCCCTGCTGAGCCCGGCGCCGAAGCCG
 CGCCGCGCGGTGGCAGCGGTGGCAAGACGCCCTAGGCAGCCGGACGTCGCCAGGAGCGCCGCGCCCGC
 CAGCAAACCAAGCTGTGGTTCGCTGGCCGAGATAGCCACGTCGGACCTCAAGCAACCAAGCTTGGGCCG
 GGTTGCGGGCTCCGGGGCTGCCTGCTGCCGCCGCGCTGCCTCGACTGGGGCCCTCCGGGAGGCTCGC
 CCTACTGCTTCGCCCTGCTGGGCCGCCACCTCTATTACAGTCCCTTTCTATGGCAACTACACAAA
 CTACGGGAACCTAAACGCGAGCGCTGCAAGGCCAGGGCCTTTCGCGGTACAATACCGCGGCCTCTACCA
 GGCGAGACACTGCACGCCATGCCAAGGCGGCCAGCGACACGGGCAAGGCGGGCTCGCATTCACTGGAGT
 CCCACTACAGGCTCCGGGCGCGGCTACGAGCCCAAGAAAGATACCAGTGAGGGCTGTGCAGTTGTTGG
 TGCAGGCGTCCAGACCTACCTA**TAG**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** Sgfl-Mlul
- ACCN:** NM_010574
- Insert Size:** 1425 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.

Note: Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.

RefSeq: [NM_010574.3](#), [NP_034704.1](#)

RefSeq Size: 2646 bp

RefSeq ORF: 1425 bp

Locus ID: 16372

UniProt ID: [P81066](#)

Cytogenetics: 13 39.23 cM