

Product datasheet for **RN210859**

Irx1 (NM_001107331) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Irx1 (NM_001107331) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Irx1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN210859 representing NM_001107331
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGC**

ATGTCCTTCCCGCAGCTGGGCTACCCGCAATACCTAAGCGCCGCGGGCCCGGCGCTACGGTGGAGAGC
 GCCTGGGATGCTGGCTGCGGCCGCGGCTGCTGCAGCCGCGCCTCGTCGGGTCGGCCGGGACTGCAGA
 GCTGGGAGCGGGCGCGAGCGGCCGCGGTACCTCGGTGCTGGGCATGTATGCCGCGCGGGACCGTAC
 GCGGGCGCACCAACTACAGCGCCTTTCTGCCCTATGCCGCGGACCTCAGCCTCTTCTCACAGATGGGCT
 CTCAGTATGAACTCAAGGACAACCCCGGGTACACCCAGCTACCTTCGCAGCCACACAACGCTGCTTA
 TTATCCCTATGGCAGTTCCAATACGGGGATCCCGACGCGCCAAAGACGCCACGCGGAGAGCACAAGC
 AACTGAAAGCCTGGCTCAACGAACACCGCAAGAATCCGTACCCACCAAAGGAGAGAAGATCATGCTGG
 CCATTATTACCAAGATGACCTCACACAGGTCTCCACCTGGTTCGCCAACGCGCGCGCGCCTCAAGAA
 GGAAAACAAGGTGACTTGGGGGGCGCGCAGCAAGGACCAGGAAGACGGCGCCCTCTTTGGCAGCGACCC
 GAGGGCGACCCCGAGAAGGCCGAGGACGACGAGGAGATCGACCTGGAGAGCATTGACATCGATCAGATTG
 ACGAACGTGATGGCGACCAGAGCAACGAAGACGAGGAGGACAAGGTGGAGGCTCCTAGGGCGCGCTAGC
 CCCTCCCGCCCCAGCTCGGGACCAGAGCTCCCCGTTGTCGGCCGCGGAGACACTCAAGTCCCAAGATTCTG
 CCCTTGGGCTGGCTAAGGAGGTCTCAGAGCCGGGCAGCAGCGCCTTCTGAGTCCCGGAGCCGCGCGG
 TCGGCTGCAGGGCGCGCCTCACAGCAAGCCCAAGATCTGGTCACTGGCTGAGACAGCCACTAGCCCCGA
 CGGTGCGCCTAAGGCGTCCCCACCGCCACCCTCCAGCCACGCCAGCGCACACGGGGCGCCAGCGGCTCG
 CCCCTGCAACACCCGGCCTTTCTACCCAGCCACGACTGTACCTGCCACATAGGCAAGTTTTCAACT
 GGACCAACGGCGCGTTCTAGCACAGGGCTCGCTGTTGAACATGCGATCTTCTGGGAGTCAGTGCACC
 GCATGCAGCACCTCATGGCCACACGTGACCGCACCGCCACCTCCGCAGCTGCCTGTCCAGGTTGCCACA
 GGGGTGCTCCATGGTGAGAAGGCCTCGGCGAGTAGCAGTCTGCGCTTCCAGAGAGAGACCTAGTACCA
 GGCCGGATTGCCCCACAGCAGCTAAAGTCGCCCTTCCAGCCGGTGCAGCAACTCGCTGGCCCCGCA
 GGAGGGAACGCCTCGGATCTCGCAGCCCTCTCGTCTGCCTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_001107331
- Insert Size:** 1443 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_001107331.1, NP_001100801.1
RefSeq Size: 2333 bp
RefSeq ORF: 1443 bp
Locus ID: 306659
Cytogenetics: 1p11