

## Product datasheet for **RN206744**

### Irx5 (NM\_001030044) Rat Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Irx5 (NM_001030044) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Irx5
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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**Fully Sequenced ORF:** >RN206744 representing NM\_001030044  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGTCCTACCCGAGGGCTACTTGTACCAGCCGTCGCCCTCGCTGGCGCTCTACTCGTGCCCGCATACA  
 GCACCAGCGTCATTTTCGGGGCCCGCACGGATGAGCTCGGCCGCTTCTTCGGGCTCCGCATTCTCGCC  
 CTACGCTGGCTCCACTGCCTTACCGGCTCCCTCGCCGGGTACAACCTCGCACCTCCAGTACGGTGCCGAT  
 CCCGCGGCTGCGGCCCGCCGCGCTTCTCGTACGTGGGCTCTCCCTATGACCACACTCCCGGTATGGCGG  
 GTTCCTTGGGATATCACCTTACGCCGACCTCTGGGCTCCTATCCTTATGGGGATCCCGGTACCGGAA  
 GAACGCCACTCGGGACGCCACTGCCACTCTCAAGGCTGGCTCAATGAGCACCGAAAGAACCCTATCCC  
 ACTAAGGGCGAGAAGATCATGCTGGCCATCATACCAAAATGACCCTCACCCAGGTGTCCACCTGGTTCCG  
 TCAACGCGCGCCGCGCCTCAAGAAAGAGAACAAGATGACGTGGACGCCACGAAGCCGAGGACAAGGGC  
 GGAGGAGGAGGAGAACATTGATCTGAAAAGAACGACGAGGACGACCCACAGAAGCCGAGGACAAGGGC  
 GACCTCGAGGGCCCCGAAGCAGGAGGAACAGAGCAGAAGGCGGCTGCGGGCTGCGAACCGCTGCAGGGGC  
 CGCTCAGCCCCGCGGCAAGGAACTGAAGGCAGCCTCAGCGACTCGGATTTAAAGAGTCGCCCTCCGA  
 AGGCCGCCACGATGACCTGCCAGGCCCGCGGTGCAGGCGAGCCCTCCCGGCTGGGCCCGCAACTGCG  
 CGTCTGGCGGAGGATGCGGGTCTCACTACCCTGCGGGTGCGCCGGCGCCCGGCCACCCATCAGCCG  
 GAGAGTTGCCCCCGGCTCGGGCGGATCCTCGGTATCCACTCACACCGCCACCTCCGCCACCGCTCC  
 GGCCGTCTAGCCAAGCCAACTGTGGTCTCTGGCAGAGATAGCCACATCCTCGGACAAGTCAAGGAC  
 GGGGGCGGAGGGAGCGAGGGCTCTCCGTGCCACCGTGCCCGGGCCATAGGCGGGCAAACCTTGGAG  
 GCAGCCGCGCTTCTCCTGCTCCGGCGCCGACGCTCACCTCGGCGCAGTGTCCCTTTCCTGGCGGGAC  
 CGTGCTGTCCCGCCTCTACTACTACCGCGCCCTTCTATCCGGGCTACACGAACATGGCTCCTTCGGA  
 CATCTTACCGGCCACCCAGGGCCAGGGCCAGGCCCTACAGCGGGTCTGGCTCTCATTTCAATGGATTAA  
 ACCAGACGGTGTGAATCGTGCGGACGTTTTGGCTAAAGACCCGAAAATGTTGCGGAGTCAGTCTCAGCT  
 AGACCTGTGCAAAGACTCCCCCTATGAATTGAAGAAAGGTATGTCCGACATTTAA

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM\_001030044
- Insert Size:** 1455 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\\_001030044.1](#), [NP\\_001025215.1](#)  
RefSeq Size: 1455 bp  
RefSeq ORF: 1455 bp  
Locus ID: 498918  
Cytogenetics: 19p11