

## Product datasheet for **MC226910**

### PrIrr (NM\_001253782) Mouse Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** PrIrr (NM\_001253782) Mouse Untagged Clone  
**Tag:** Tag Free  
**Symbol:** PrIrr  
**Synonyms:** AI987712; Pr-1; Pr-3; PrIrr-rs1  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**Cell Selection:** Neomycin  
**Fully Sequenced ORF:** >MC226910 representing NM\_001253782  
**Red**=Cloning site **Blue**=ORF **Orange**=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**GCGATCGCC**

ATGTCATCTGCACCTTGTACATGCTGCTTGCTCCTCAGCATCAGCCTCCTGAATGGACAGTCACCACCTG  
GAAACCTGAAATCCACAATGTCGTTCCCTGACAAGGAAACATTCACCTGCTGGTGAATCCTGGGTC  
AGATGGAGGACTCCACCAATTATTCATTGACATACAGCAAAGAAGGAGAGAAAAACCTATGAATGT  
CCAGACTACAAAACAGTGGCCCAATTCCTGTTCTTTAGCAAGCAGTACACTTCCATATGGAAAATAT  
ACATCATCACAGTAAATGCCACGAACGAAATGGGAAGCAGTACCTCGGATCCACTTTATGTGGATGTGAC  
TTACATTGTTGAACCAGAGCCTCCTCGAACCTGACTTTAGAAGTGAACAACAAAAAGACAAAAAACA  
TATCTGTGGTAAAAATGGTTGCCACCTACCATAACTGATGTAAGAACTGGTTGGTTTACAATGGAATATG  
AAATTCGATTAAGTCTGAAGAAGCAGATGAGTGGGAGATCCACTTCACAGGTCATCAACACAATTTAA  
GGTTTTTGACTTATCCAGGACAAAAGTATCTGTCCAGACTCGCTGCAAGCCAGACCATGGATACTGG  
AGTAGATGGGGCCAGGAGAAAATCTATTGAAATACCAATGACTTCACCTTGAAGACACAACCTGTGTGGA  
TCATTGTGGCCGTTCTCTGCTGTCATCTGTTGATTATGGTCTGGCCAGTGGCTTTGAAGGGTTATAG  
CATGATGACCTGCATCTTCCACAGTTCGGGGCCAAAAATAAAGGATTTGATACTCATCTGCTAGAG  
CTCTGGTGTCTATTCTCCAGTTGACTTCCTGGTGAAGATTCCAACAACCTGAGTTTTTATGTGATTTAT  
GA

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** Sgfl-MluI  
**ACCN:** NM\_001253782  
**Insert Size:** 912 bp



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<b>OTI Disclaimer:</b>	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).
<b>OTI Annotation:</b>	Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"> <li>1. Centrifuge at 5,000xg for 5min.</li> <li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li> <li>3. Close the tube and incubate for 10 minutes at room temperature.</li> <li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li> <li>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.</li> </ol>
<b>RefSeq:</b>	<u><a href="#">NM_001253782.2</a></u> , <u><a href="#">NP_001240711.1</a></u>
<b>RefSeq Size:</b>	1079 bp
<b>RefSeq ORF:</b>	912 bp
<b>Locus ID:</b>	19116
<b>UniProt ID:</b>	<u><a href="#">Q08501</a></u>
<b>Cytogenetics:</b>	15 5.23 cM
<b>Gene Summary:</b>	<p>This is a receptor for the anterior pituitary hormone prolactin.[UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (3) lacks two exons and includes an alternate 3' terminal exon, compared to variant 1. The resulting isoform (3) has a shorter and distinct C-terminus, compared to isoform 1.</p>