

## Product datasheet for MC226910

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

#### Product data:

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

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCCGCGATCGCC

ATGTCATCTGCACTTGCTTACATGCTGCTTGTCTCAGCATCAGCCTCCTGAATGGACAGTCACCACCTG  
GAAACCTGAAATCCACAAATGTCGTTCCCTGACAAGGAAACATTCACCTGCTGGTGAATCCTGGGTC  
AGATGGAGGACTCCCCACCAATTTATTCATTGACATACAGCAAAGAAGGAGAGAAAAACCATATGAATGT  
CCAGACTACAAAACAGTGGCCCAATTCCTGTTCTTTAGCAAGCAGTACACTTCCATATGGAAAATAT  
ACATCATCACAGTAAATGCCACGAACGAAATGGGAAGCAGTACCTCGGATCCACTTTATGTGGATGTGAC  
TTACATTGTTGAACCAGAGCCTCCTCGGAACCTGACTTTAGAAGTGAACAACAAAAAGACAAAAAACA  
TATCTGTGGGTAATGGTTGCCACCTACCATAACTGATGTAACAACTGGTTGGTTTACAATGGAATATG  
AAATTCGATTAAGTCTGAAGAAGCAGATGAGTGGGAGATCCACTTCACAGGTCATCAAACACAATTTAA  
GGTTTTGACTTATATCCAGGACAAAAGTATCTTGTCCAGACTCGCTGCAAGCCAGACCATGGATACTGG  
AGTAGATGGGGCCAGGAGAAATCTATTGAAATACCAAATGACTTCACCTTGAAGACACAACCTGTGTGGA  
TCATTGTGGCCGTTCTCTGCTGTCTGTTGATTATGGTCTGGGCAGTGGCTTTGAAGGTTATAG  
CATGATGACCTGCATCTTCCACCAGTTCGGGGCCAAAAAATAAAGGATTTGATACTCATCTGCTAGAG  
CTCTGGTGTCTATTCTCCAGTTGACTTCCCTGGTGAAGATTCCAACAACCTGAGTTTTTATGTGATTTAT  
GA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI  
**ACCN:** NM\_001253782



<b>Insert Size:</b>	912 bp
<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>Note:</b>	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
<b>RefSeq:</b>	<a href="#">NM_001253782.2</a> , <a href="#">NP_001240711.1</a>
<b>RefSeq Size:</b>	1079 bp
<b>RefSeq ORF:</b>	912 bp
<b>Locus ID:</b>	19116
<b>UniProt ID:</b>	<a href="#">Q08501</a>
<b>Cytogenetics:</b>	15 5.23 cM
<b>Gene Summary:</b>	This is a receptor for the anterior pituitary hormone prolactin.[UniProtKB/Swiss-Prot Function] 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.