

Product datasheet for **MC226951**

PrIrr (NM_001253781) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: PrIrr (NM_001253781) Mouse Untagged Clone
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: >MC226951 representing NM_001253781
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGTCATCTGCACTTGCTTACATGCTGCTTGTCTCAGCATCAGCCTCCTGAATGGACAGTCACCACCTG
 GAAACCTGAAATCCACAAATGTCGTTCCCTGACAAGGAAACATTCACCTGCTGGTGAATCCTGGGTC
 AGATGGAGGACTCCCACCAATTATTTCATTGACATACAGCAAAGAAGGAGAGAAAAACCTATGAATGT
 CCAGACTACAAAACCAAGTGGCCCAATTCCTGTTCTTTAGCAAGCAGTACACTTCCATATGAAAAATAT
 ACATCATCACAGTAAATGCCACGAACGAAATGGGAAGCAGTACCTCGGATCCACTTTATGTGGATGTGAC
 TTACATTGTTGAACCAGAGCCTCCTCGGAACCTGACTTTAGAAGTGAAACAATAAAAGACAAAAAACA
 TATCTGTGGGTAAAATGGTTGCCACCTACCATAACTGATGTA AAAACTGGTTGGTTTACAATGGAATATG
 AAATTCGATTAAGTCTGAAGAAGCAGATGAGTGGGAGATCCACTTCACAGGTATCAAACACAATTTAA
 GGTTTTGACTTATATCCAGGACAAAAGTATCTTGTCCAGACTCGCTGCAAGCCAGACCATGGATACTGG
 AGTAGATGGGGCCAGGAGAAATCTATTGAAATACCAATGACTTCACCTTGAAAGACACAACCTGTGTGGA
 TCATTGTGGCCGTTCTCTGCTGTCATCTGTTGATTATGGTCTGGGCAGTGGCTTTGAAGGTTATAG
 CATGATGACCTGCATCTTCCACCAGTTCGGGGCCAAAAATAAAAGGATTTGATACTCATCTGCTAGAG
 ACTGGCTCTCAAGCAAATACAAGGTGGATCCACGCCTGGCCCTCCTGGACGATTCCAAAAACTGGACA
 ATGAAGGGGAACCTTGACT**CTGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_001253781



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Insert Size:	933 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).
OTI Annotation:	Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
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:	<ol style="list-style-type: none">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:	<u>NM_001253781.1</u> , <u>NP_001240710.1</u>
RefSeq Size:	3916 bp
RefSeq ORF:	933 bp
Locus ID:	19116
Cytogenetics:	15 5.23 cM
Gene Summary:	<p>This is a receptor for the anterior pituitary hormone prolactin.[UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (2) has an alternate 5' UTR exon and an alternate 3' exon including the coding region and UTR, compared to variant 1. The resulting isoform (2) has a shorter and distinct C-terminus, compared to isoform 1.</p>