

## Product datasheet for **RN200491**

### **Prlr (NM\_001034111) Rat Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Prlr (NM_001034111) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Prlr
Synonyms:	RATPRLR
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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**Fully Sequenced ORF:** >RN200491 representing NM\_001034111  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGCCATCTGCACCTTGGTTTCGTCCTACTTGTCTCAACATCAGCCTCCTGAAGGGACAGTCAACCACAG  
 GGAACCTGAGATCCACAAATGTCGCTCTCCTGACAAGGAAACATTCACCTGCTGGTGAATCCTGGGAC  
 AGATGGAGGACTTCTACCAATTATTCAGTACTTACAGCAAAGAAGGAGAGAAAACACCTACGAATGT  
 CCAGACTACAAAACAGTGGCCCAACTCTGCTTCTTTAGCAAGCAGTACACTTCCATCTGGAAAAAT  
 ATATCATCACAGTAAATGCCACGAACAAATGGGAAGCAGTTCCTCGGATCCACTTTATGTGGATGTGAC  
 TTACATCGTTGAGCCAGAGCCTCCTCGAACCTGACATTAGAAGTAAAACAGCTAAAAGACAAAAAACA  
 TATCTGTGGGTAATGGTCCCCACCACATACTGATGTGAAAAGTGGTTGGTTACAATGGAATATG  
 AAATTCGATTAAGCCTGAAGAAGCAGAAGAGTGGGAGATCCATTTTACAGGTCATCAAACAGTTTAA  
 AGTTTTTGACCTATATCCAGGGCAAAGTATCTTGTCCAGACTCGCTGCAAGCCAGACCATGGATACTGG  
 AGTAGATGGAGCCAGGAGAGTCCGTTGAAATGCCAAATGACTTACCTTGAAGGACACAACCGTGTGGA  
 TCATTGTGGCCATTCTCTCTGCTGTCATCTGTTTGATTATGGTCTGGGCAGTGGCTTTGAAGGGCTATAG  
 CATGATGACCTGCATCTTCCACCAGTTCCTGGGCCAAAAATAAAAGGATTTGATACCCATCTGCTGGAG  
 AAGGGCAAGTCTGAAGAGCTGCTGAGTGCCTTGGGGTGCCAAGACTTCCCCCTACTTCTGACTGTGAGG  
 ACTTGTGGTGGAGTTCTTAGAAGTTGATGACAATGAGGACGAGCGGCTAATGCCATCCCATTCCAAAGA  
 GTATCCAGGTCAAGGTGTTAAGCCACACACCTAGATCCCAGCAGTACTCTGGTACGGAAGCTATGAC  
 AGCCATTTCTTTTATCTGAAAAGTGTGAGGAACCCAGGCCATCCCCCTACTTTGCACATCCCTGAGA  
 TCACTGAGAAGCCAGAGAATCCTGAAGCAAATATTCTCCACCGTGGACCCCAAGCAACCCCA  
 TTTTCATGTAGATGCACCCAAATCTTCAACATGGCCATTACTGCCTGGCCAACACATGCCAGATCTCCT  
 TACCACAGTGTGCTGATGTGTGCAAGCTAGCCGGAAGTCTGTGAATACACTGGACTCTTCTTGGACA  
 AAGCAGAGGAAAAATGTTCTAAAGTTGTCTAAAGCCCTTGAGACTGGAGAGGAAGAAGTGGCTAAGCAAAA  
 AGGGGCAAAAAGCTTCCCTTCTGACAAAACAAACACACCTTGGCCGCTGCTCCAGGAGAAAAGCCCCACT  
 GTCTATGTTAAACCCCAAGATTATGTGGAGATTCACAAAGTCAACAAAGATGGAGTGTATCATTATTCC  
 CCAAGCAGAGAGAAAACAACCAGACAGAGAAGCCTGGGGTTCTGAAACCAGTAAGGAGTATGCCAAGT  
 GTCTGGCATTATGGATAACAATATCCTCGTATTAGTGCCAGACTCAGAGCCAGAACACAGCGTTGCTC  
 GAGGAATCAGCCAAGAAGGCTCCACCATGTTTGAAGCTGACCAATCTGAGAAAGATCTGGCCAGCTTCA  
 CTGCAACCTCAAGCAACCGCAGACTCCAACCTGGTGGTGGATTACCTGGATCCTACGTGCTTCATGCA  
 CTCCTTTCAC**TGA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** Sgfl-MluI
- ACCN:** NM\_001034111
- Insert Size:** 1833 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\\_001034111.1](#), [NP\\_001029283.1](#)

**RefSeq Size:** 2132 bp

**RefSeq ORF:** 1833 bp

**Locus ID:** 24684

**UniProt ID:** [P05710](#)

**Cytogenetics:** 2q16

**Gene Summary:** This is a receptor for the anterior pituitary hormone prolactin.[UniProtKB/Swiss-Prot Function]