

## Product datasheet for **RN216720**

### Porcn (NM\_001173355) Rat Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Porcn (NM_001173355) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Porcn
Synonyms:	RGD1564947
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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**Fully Sequenced ORF:** >RN216720 representing NM\_001173355  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGATCGCC**

ATGGCTACCTTCAGCCGCCAGGAATTTTCCAGCAGCTACTGCAGGGCTGCCTCCTGCCTACTGTCCAAC  
 AGGGCCTTGACCAGATCTGGCTGCTTCTTACCATCTGCTTCGCCTGCCGCTCCTTTGGAGGCTGGGGCT  
 ACCGTCTTACCTGAAGCATGCAAGCACCCTGGCAGGCGGCTTCTTCAGCCTCTACCACTTCTCCAGCTG  
 CACATGGTTTGGGTCGTGCTGCTGAGTCTCCTGTGCTACCTCGTGTCTTCTCTGCCGACACTCCTCCC  
 ACCGAGGCGTCTTCTCTCCGTACCATCTCATCTACCTGCTCATGGGTGAGATGCACATGGTGGACAC  
 CGTGACATGGCACAAGATGCGAGGGGCCAGATGATCGTGGCCATGAAGGCGGTGTCTCTGGGCTTCGAC  
 CTGGACCGGGGCGAGGTGGGTGCAGTGCCTCACCTGTGGAGTTCATGGGCTACCTCTACTTTGTGGGCA  
 CCATCGTCTTTGGGCCCTGGATATCCTTCCACAGCTACCTACAGGCTGTCCAAGGCCGCCACTGAGCCG  
 CCGATGGCTGAAGAAGGTGGCCCGAGCCTGGCGTGGCCCTGCTGTGCCTTGTACTGTCCACTTGTGTG  
 GGCCCTACCTCTTCCCCTACTTCATCCCCTCGACGGTGACCGACTCCTTCGCAACAAGAAACGCAAAAG  
 CCAGGGGCACCATGGTAAGGTGGCTACGAGCCTACGAGAGTGTGTCTCCTTCCACTTCAGCAACTATTT  
 TGTGGGCTTTCTGTCTGAGGCCACAGCCACATTGGCCGGGGCTGGCTTACGGGAGGAGAAGGACCACCTC  
 GAATGGGACCTGACAGTCTCTAGACCATTGAATGTGGAGTACCCCGGTCTATGGTGAAGTTGTCAAA  
 GCTGGAACCTGCCATGTCTTATTGGTTAAATAATTATGTTTTCAAAAATGCCCTCCGCCTGGGGACCTT  
 CTCAGCTGTGCTGGTACCTATGCAGCCAGTGCCTCCTACATGGCTTCAAGTTCCACCTGGCTGCTGTG  
 CTGCTGTCCCTGGCATTATCACATATGTGGAACATGTCTCAGGAAGCGCCTGGCTCAGATCCTCAGTG  
 CTTAAACTTGTCTTTGGTGCCTGGCTGTCTTCCACCTGGCCTACCTGGGCTCCCTGTTTGATGTCGAT  
 GTGGACGACACCAGAGGAGCAGGGCTACGGCATGGCATACTGTCCCAAGTGGTCAGAGCTCAGCT  
 GGGCCAGTCACTGGTCACTTTTGGATGCTGGATCTTCTACCGTCTCATAGGCTGA

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** Sgfl-Mlul

**ACCN:** NM\_001173355

**Insert Size:** 1386 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:**

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\\_001173355.1](#), [NP\\_001166826.1](#)

**RefSeq Size:** 1874 bp

**RefSeq ORF:** 1386 bp

**Locus ID:** 317368

**Cytogenetics:** Xq12