

Product datasheet for **RR216720**

Porcn (NM_001173355) Rat Tagged ORF Clone

Product data:

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



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ORF Nucleotide Sequence:

>RR216720 representing NM_001173355
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGGCTACCTTCAGCCGCCAGGAATTTTCCAGCAGCTACTGCAGGGCTGCCTCCTGCCTACTGTCCAAC
 AGGGCCTTGACCAGATCTGGCTGCTTCTTACCATCTGCTTCGCCCTGCCGCTCCTTTGGAGGCTGGGGCT
 ACCGTCTTACCTGAAGCATGCAAGCACCCTGGCAGGCGGCTTCTTCAGCCTCTACCACTTCTCCAGCTG
 CACATGGTTTGGGTCGTGCTGCTGAGTCTCCTGTGCTACCTCGTGTCTTCTCTGCCGACACTCTCCC
 ACCGAGGCGTCTTCTCTCCGTACCATCTCATCTACCTGCTCATGGGTGAGATGCACATGGTGGACAC
 CGTGACATGGCACAAGATGCGAGGGGCCAGATGATCGTGGCCATGAAGGCGGTGTCTCTGGGCTTCGAC
 CTGGACCGGGGCGAGGTGGTGCAGTGCCTCACCTGTGGAGTTCATGGGCTACCTCTACTTTGTGGGCA
 CCATCGTCTTTGGGCCCTGGATATCCTTCCACAGCTACCTACAGGCTGTCCAAGGCCGCCACTGAGCCG
 CCGATGGCTGAAGAAGGTGGCCCGAGCCTGGCGCTGGCCCTGCTGTGCCTTGTACTGTCCACTTGTGTG
 GGCCCTACCTCTTCCCCTACTTCATCCCCTCGACGGTGACCGACTCCTTCGCAACAAGAAACGCAAG
 CCAGGGGCACCATGGTAAGGTGGCTACGAGCCTACGAGAGTGTGTCTCCTTCCACTTCAGCAACTATTT
 TGTGGGCTTTCTGTCTGAGGCCACAGCCACATTGGCCGGGGCTGGCTTACGGGAGGAGAAGGACCACCTC
 GAATGGGACCTGACAGTCTCTAGACCATTGAATGTGGAGTACCCCGGTCTATGGTGGAAGTTGTCAAA
 GCTGGAACCTGCCATGTCTTATTGGTTAAATAATTATGTTTTCAAAAATGCCCTCCGCCTGGGGACCTT
 CTCAGCTGTGCTGGTACCTATGCAGCCAGTGCCTCCTACATGGCTTCAAGTTCCACCTGGCTGCTGTG
 CTGCTGTCCCTGGCATTATCACATATGTGGAACATGTCTCAGGAAGCGCCTGGCTCAGATCCTCAGTG
 CCTGACTTTGTGCAAGCGTTGTCTTCCAGACTGTTACATCGGCATCGTTGGGCTGGGGGTACGAGC
 CTTAAACTTGCTCTTTGGTGCCCTGGCTGTCTTCCACCTGGCCTACCTGGGCTCCCTGTTTGATGTCGAT
 GTGGACGACACCAGAGGAGCAGGGCTACGGCATGGCATACTGTCCCAAGTGGTCAGAGCTCAGCT
 GGGCCAGTCACTGGTCACTTTTGGATGCTGGATCTTCTACCGTCTCATAGGC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RR216720 representing NM_001173355
 Red=Cloning site Green=Tags(s)

MATFSRQEFFQQLLQGCLLPTVQQLDQIWLILLTICFACRLLWRLGLPSYLKHAHVAGGFFSLYHFFQL
 HMVWVLLSLLCYLVFLCRHSSHRGVFLSVTILYLLMGEMHMVDTVTWHKMRGAQMIVAMKAVSLGFD
 LDRGEVGAVPSPVEFMGYLYFVGTIVFGPWISFHSYLQAVQGRPLSRRWLKVARSLALALLCLVLSTCV
 GPYLPFYFIPLDGDRLLRNKKRARGTMVRWLRAYESAVSFHFSNYFVGFLESEATATLAGAGFTEEKDHL
 EWDLTVSRPLNVELPRSMVEVVTSWNLPMYWLNNYVFNALRLGTFSAVLVYAAASALLHGF SFHLAAV
 LLSLAFITYVEHVLKRRLAQILSACILSKRCLPDCSHRHLGLGVRALNLLFGALAVFHLYLGLSLFDVD
 VDDTTEEQGYGMAYTVHKWSELWASHWVTFGCWIFYRLIG

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites:

Sgfl-MluI

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

MW: 52.5 kDa