

Product datasheet for **RN202723**

Pfn1 (NM_022511) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Pfn1 (NM_022511) Rat Untagged Clone
Tag: Tag Free
Symbol: Pfn1
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >RN202723 representing NM_022511
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGCCGGGTGGAACGCCTACATCGACAGCCTTATGGCGGACGGGACCTGTCAGGACCGGCCATCGTAG
GCTACAAGGACTCGCCCTCCGTCTGGCCGCTGTCCCGGAAGACCTTCGTTAGCATTACGCCAGCTGA
GGTTGGTGTCTGGTAGGCAAAGACCGGTCAAGTTTTTTCGTGAATGGGCTGACACTGGGGCCAGAAA
TGTCTGTGATCCGGGACTCACTGCTGCAAGACGGGAATTTACAATGGATCTTCGTACCAAGAGCACCG
GGGAGCCCCACCTTCAATGTCACTGTCAACATGACTGCCAAGACGCTAGTCCTGCTGATGGGCAAAGA
AGGTGTCCACGGTGGTTTATCAACAAGAAATGTTATGAAATGGCCTCTCACCTGCGGCGTTCCAGTAC
TGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_022511
Insert Size: 423 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).



[View online »](#)

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_022511.2](#), [NP_071956.2](#)

RefSeq Size: 862 bp

RefSeq ORF: 423 bp

Locus ID: 64303

UniProt ID: [P62963](#)

Cytogenetics: 10q24

Gene Summary: regulates actin polymerization; may reorganize the actin cytoskeleton; may be involved in the pathogenesis of glomerulonephritis [RGD, Feb 2006]