

Product datasheet for **RN205254**

Prpf19 (NM_139333) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Prpf19 (NM_139333) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Prpf19
Synonyms:	Prp19
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN205254 representing NM_139333
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGTCCTGATCTGCTCGATCTCCAACGAAGTCCAGAGCACCCATGCGTGTCCCCTGTCTAATCATG
 TGTATGAGCGCGACTCATTGAGAAGTACATTGCAGAGAATGGCACAGATCCTATCAACAACCAGCCTCT
 CTCAGAGGAGCAGCTCATCGACATCAAAGTTGCTCATCCAATCCGGCCCAAGCCTCCCTCTGCCACCAGC
 ATCCCAGCCATTCTGAAAGCCTTGCAGGATGAGTGGGATGCAGTCATGCTGCACAGCTTCACTCTTCGCC
 AGCAGCTGCAGACAACCCGCCAGGAAGTCCCACGCTCTGTACCAGCACGATGCTGCCTGCCGAGTCAT
 TGCCCGGCTACCAAGGAGGTCCTGCTGCTCGAGAAGCTCTGGTACTCTGAAACCACAGGCTGGTCTT
 ATTGTACCTCAGGCTGTGCCAAGCTCACAGCCAGTGTGTGGGTGCAGGAGAGCCCATGGATTTGGGTG
 AGCTTGTGGGAATGACCCTGAGATTATCCAGAAGCTTCAAGACAAGGCCACTGTACTAACCACGGAGCG
 TAAGAAGAGAGAAAACTGTCCCTGAGGAGCTGGTGAAGCTGAAGAGCTCAGCAAGTACCGGCAGGTG
 GCATCCCATGTGGGGCTACACAGTGTAGCATTCTGGGATTCTTGCTCTGGACCTGTGTCCCTCAGACA
 CCAACAAGATTCTTACTGGTGGGCAGATAAAAACGTTGTTGTCTTTGATAAGAGTACTGAGCAAATCCT
 GGCCACTCTCAAAGGCCATACCAAGAAGGTCACCAGTGTGGTGTTCATCCTTCTCAGGAATTGGTGT
 TCTGCGTCCCCTGATGCTACTATCAGGATTTGGTCCGTCCCGAACACTTCTTGTTACAGGTTGTTCCGG
 CCCATGAGAGTGCGGTGACAGGACTCAGCCTCCATGCCACTGGAGACTATCTACTGAGCTCCTCTGATGA
 TCAGTACTGGCGTTCTCTGACATTACAGACAGGGCGTGTGCTACCAAGGTGACAGATGAGACTTCCGGC
 TGCTCTTTACCTGTGCACAGTTCACCCTGATGGCCTCATCTTTGGAACAGGAACCATGGACTCCAGAG
 TCAAGATCTGGGACTTGAAGGAACGCACCAATGTGGCGAACTCCCTGGCCACTCCGGCCCCATTACCAG
 CATTGCCTTCTCTGAGAATGGGTACTACCTGGCCACGGCAGCTGATGACTCCTCAGTCAAGCTCTGGGAC
 TTACGCAAGTTGAAGAACTTCAAGACATTGCAGCTGGACAACAACCTTTGAGGTGAAGTACTAATCTTTG
 ACCAGAGTGGCACCTACCTGGCGTTGGGGGTACAGATGTCCAGATCTACATCTGCAAACAGTGGACAGA
 GATTCTTCACTTTACAGAGCATAGTGGCCTGACCCTGGAGTGGCCTTTGGGCACCACGCCAAGTTCATC
 GCTTCAACCGGCATGGACAGGAGCTCAAATTCTACAGTCTG**TAG**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_139333
- Insert Size:** 1515 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_139333.3](#), [NP_647549.2](#)

RefSeq Size: 2156 bp

RefSeq ORF: 1515 bp

Locus ID: 246216

UniProt ID: [Q9JMI4](#)

Cytogenetics: 1q43

Gene Summary: human homolog is involved in DNA double strand break repair [RGD, Feb 2006]