

Product datasheet for **RN201237**

Prpf31 (NM_001106219) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Prpf31 (NM_001106219) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Prpf31
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN201237 representing NM_001106219
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGTCGCTGGCAGATGAGCTCTTGGCTGACCTTGAGGAGGCAGCAGAAGAAGAAGAGGAGGAAGCTATG
GAGAAGAAGAGGAGGAGCCAGCAATTGAGGATGTACAAGAGGAGACACAACCTGGATCTTTCTGGAGATTC
AGTCAAGAGCATTGCCAAGCTATGGGATAGCAAGATGTTTGTGAGATCATGATGAAGATTGAGGAGTAT
ATCAGCAAGCAAGCCAAAGCTTCAGAAGTGATGGGACCGGTGGAGGCAGCCCTGAGTACCGAGTCATTG
TGGATGCCAACAACTGACTGTGGAGATAGAAAACGAGCTGAACATTATCCATAAGTTTATCCGGGATAA
ATACTCAAAGAGATTCCCTGAGCTAGAATCCTTGGTGCCCAACGCTCTGGATTACATCCGCACAGTCAAG
GAACTGGGCAACAGCCTGGATAAGTGTAAAGAACAATGAGAATCTCCAGCAGATCTGACCAATGCTACCA
TCATGTTTGTAGTGTACTGCCTTACCACCCAGGGGCAGCAGCTGTCAGATGAGGAAGTAGAGCGACT
AGAGGAGGCCTGTGACATGGCACTGGAGCTGAATGCCTCCAAGCACCGCATCTATGAGTACGTGGAGTCC
CGGATGTCGTTTATTGCACCCAACCTTGCCATCATCATTGGAGCTTCCACGGCTGCCAAGATCATGGGTG
TGGCTGGAGGGCTGACCAACCTGTCTAAGATGCCTGCCTGCAACATCATGCTGTTGGGAGCCAGCGCAA
GACACTGTCTGGCTTCTTCTACCTCAGTGCTGCCTCACACTGGCTACATCTACCACAGTGACATTGTG
CAGTCTCTGCCCCAGATCTTCGGCGGAAGGCAGCCCGCTAGTGGCTGCCAAATGTACACTGGCAGCTC
GTGTGGACAGTTTCCATGAGAGCACAGAGGGGAAGGTGGGCTATGAACTAAAGGACGAGATTGAGCGCAA
GTTTGACAAGTGGCAGGAGCCACCACCTGTGAAGCAGGTGAAGCCCTGCCTGCACCCCTTGATGGGAG
CGAAGAAGCGAGGGGGCCGAAGGTACCAGCAAGATGAAAGAACGGCTAGGACTGACTGAGATCCGGAAGC
AGGCCAACCGCATGAGCTTTGGAGAGATTGAGGAGGATGCCTATCAAGAAGACCTGGGCTTTAGCTGGG
CCACTTGGGCAAGTCAGGCAGTGGGCGTGTGCGGCAGACACAGGTGAATGAGGCCACCAAGGCTAGGATC
TCCAAGACACTACAGCGACCTTACAGAAACAGAGTGTGGTGTATGGTGGGAAGTCAACAATTCGTGACC
GCTCCTCGGGGACTGCCTCTAGTGTGGCCTTCACTCCACTCCAGGGTCTGGAGATTGTGAACCCACAAGC
AGCCGAGAAGAAGGTGGCAGAGGCCAATCAGAAGTATTCTCTAGCATGGCCGAGTTCCTCAAGGTCAAG
GGTGAGAAAAGTGGCACCATGTCTACTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001106219

Insert Size: 1500 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_001106219.1](#), [NP_001099689.1](#)

RefSeq Size: 2404 bp

RefSeq ORF: 1500 bp

Locus ID: 292536

Cytogenetics: 1q12