

Product datasheet for **RN211355**

Prpf4 (NM_001106659) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Prpf4 (NM_001106659) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Prpf4
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN211355 representing NM_001106659
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCCTCCTCAGAGCCTCCTCCACGACAACCAAACTAAAGCACCTGACGATTTAGTTGCTCCTGTTG
 TGAAGAAACCACACATCTATTATGGAAGCTTGGAGAGAAAGAGCGGGAACGCCTGGCCAAAGGAGAGTC
 TGGATTTTGGGAAAAGAAGGACTCAAAGCCGGCATTGAAGCAGGAAATATTAATAAACGCTCTGGAGAA
 GTCTTTGAAATTGAGGAGCACATCAGTGAGCGGCAGGCTGAAGTCTTGGCAGAGTTTAAAGAAGAAAGC
 GAGCCCGCAAAATCAATGTTTCCACGGATGACTCAGAGGTCAAGGCTTGCCTTAGAGCCTTGGGAGAACC
 GATCACACTTTTTGGAGAGGGCCCTGCTGAACGAAGAGAAAGTTAAGAAATATTCTCTCAGTGTTGGG
 ACTGATGCCTTAAAAAGACAAAAAAGATGATGAAAAATCTAAGAAGTCAAAGAAGAGTATCAGCAA
 CCTGGTACCATGAAGGGCAAAATAGCCTGAAGGTGGCCAGATTGTGGATTGCCAATTATTACTCCCGAG
 GGCAATGAAACGCTTGGAGGAGGCCGCTCCATAAGGAGATTCCCGAGACCACCAGAACCTCCCAGATG
 CAGGAGCTGCACAAGTCTCTCCGGTCTTTGAATAATTTCTGCAGTCAGATTGGAGATGACCGGCCAATCT
 CCTACTGTCACTTCAGCCCAATTCTAAAATGCTAGCCACAGCTTGTGGAGTGGGCTCTGCAAGCTCTG
 GTCTGTCCCTGACTGCAGCCTCCTTCACTCTTCGAGGCCATAATAACAATGTCGGAGCAATTGTATTC
 CATCCCAATCCACTGTCTCCTTGGACCAAAAAGATGTCAACCTGGCCTCTTGTGCTGCTGATGGCTCTG
 TGAAGCTTTGGAGTCTTGACAGTGATGAGCCAGTGGCAGATATTGAAGGCCATACAGTCCGTGTGGCTCG
 GGTAAATGTGGCATCCGTAGGGCGTTTCTGGGCACAACCTGTTATGACCGTTCATGGCGCTTATGGGAT
 TTAGAGGCTCAAGAGGAGATTCTACACCAGGAAGGCCACAGCATGGGTGTGTATGACATTGCCCTCCATC
 AAGATGGCTCTTTGGCTGGCACTGGGGACTGGATGCCTTTGGCCGAGTTTGGGACCTACGCACAGGACG
 CTGCATTATGTTCTAGAAAGCCATCTGAAGGAGATCTACGGGATAAGTTTCTCCCAATGGCTACCAC
 ATTGCCACTGGCAGTGGTGACAACACTGCAAGGTGTGGGATCTTCGACAGCGACGCTGTGTCTACACCA
 TCCCGGCCATCAGAACTTAGTGACTGGTGTCAAGTTTGGCCTATCCATGGGGACTTCTTGCTCACGGG
 TGCCTATGACAACACAGCAAGATCTGGACCCACCAGGCTGGTCCCACTGAAGACTCTGGCTGGGCAT
 GAGGGCAAAGTGATGGGCTAGACATTTCTCTGATGGGCAGCTCATAGCCACTTGCTCATATGACAGAA
 CCTTCAAGCTCTGGATGGCAGAGTAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001106659

Insert Size: 1566 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_001106659.1](#), [NP_001100129.1](#)

RefSeq Size: 2596 bp

RefSeq ORF: 1566 bp

Locus ID: 298095

Cytogenetics: 5q24