

## Product datasheet for **MC203674**

### Prpf3 (NM\_027541) Mouse Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Prpf3 (NM_027541) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Prpf3
Synonyms:	3632413F13Rik
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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**Fully Sequenced ORF:** >BC006782  
 CAGGGGCTGAAGTTTGTGAGGTGTAGTTTTTTGTCCCATTGGAGCTCTCATTCTCCATTTTCTCCGAAAT  
 GGCCTGTCTAAGCGGGAGCTGGATGAGCTGAAGCCATGGATAGAGAAGACGGTGAAGAGAGTGTGGC  
 TTCTCAGAGCCCACAGTGGTCACTGCAGCCTTGAAGTGTGTGGGAAGGGCATGGACAAAAAGAAGCGG  
 CTGATCACCTGAAACCTTTTCTTGATGATTCCACTCTCCGATTTGTGGATAAGCTGTTTGAAGGCTGGA  
 GGAAGCCGAAGCTCAAGGCATTCCAAGTCTAGTAGTACAGAAAGCAGAAAGCGAGAGTTAAAGGAGGTG  
 TTTGGTGTGACTCTGAGATCTCAAAGGAATCATCGGGGTAAAGAAGCGCGGATACCCCGTTTTGAGG  
 AGGTAGAAGAGGAGCCAGAGGTGATCCCTGGACCTCCATCAGAAAAGCCCTGGCATGCTAACAAAGCTCCA  
 GATCAAACAGATGATGGAAGCAGCAACACGACAAATCGAGGAACGAAAAACAGCTGAGCTTCATCAGC  
 CCCCCTGCACCTCAGCCAAAGACACCTTCTTCTTCCCAACCTGAGCGACTTCCATCGGCAACACTATTC  
 AGCCCTCCAGGCCGCTACCTTTATGAACGATGCCATTGAGAAGGCGAGGAAAGCTGCCGAGCTGCAAGC  
 CCGAATCCAGGCCAGCTGGCATTGAAGCCAGGGCTTATTGGCAATGCCAACATGGTGGGCTAGCTAAT  
 CTCCATGCCATGGGCATAGCTCCACCGAAAGTAGAGTTAAAGACCAAATAAGCCTACCCATTGATCC  
 TGGACGAGCAAGCCGCACTGTGGATGCAACAGGCAAGGAGGTGGAGCTCACACATCGCATGCCACCCCT  
 GAAGGCAAAACATTCGGGCTGTGAAGAGGGAACAGTTCAAGCAGCAGCTAAAAGAAAAGCCATCAGAAGAC  
 ATGGAGTCTAATACCTTTTTTTGACCCCGAGTCTCAATTGCCCTTCCCAGCGCCAAAGACGCACCTTTA  
 AATTCCATGACAAGGGCAAATTTGAGAAAATTGCTCAACGATTACGGACAAGGGCTCAATTGGAGAAGCT  
 GCAAGCAGAGATTTACAAGCTGCTAGAAAAACAGGCATTCACTTTCGACTAGACTTGCCTCATTGCT  
 CCCAAAAAGGAGCTAAAGGAAGGCGATATCCCTGAGATTGAGTGGTGGGACTCGTACATCATACCCAACG  
 GCTTTGACCTTACAGAGGAAAATCCCAAGAGAGAAGATTATTTTGGAAATCACAAATCTTGTGAACATCC  
 AGCCAGCTTAATCCTCCAGTTGACAATGATACACCAGTTACCCTTGGGGTATATCTTACGAAGAAGGAG  
 CAGAAGAAAATTCGGAGGCAACAAGAAGGGAAGCACAGAAAGAGCTACAAGAGAAAAGTCAGGCTAGGCC  
 TGACACCTCCTCCAGAGCCCAAAGTGAGAATCTCAAATTTAATGCGAGTATTAGGAACAGAAGCAGTTCA  
 AGACCCTACAAAAGGTAGAAGCCCATGTCAGAGCTCAGATGGCAAAGAGACAGAAAAGCGCATGAAGAGGCC  
 AACCGCGCCGAAAACCTTACAGCAGAACAGAGAAAGGTCAAGAAAATTAAGAAAGCTTAAAGAAGACATTT  
 CACAGGGGGTGCACATATCTGTGTATAGAGTTCGAAAATTTGAGCAACCCAGCCAAGAAGTTCAAGATTGA  
 GGCCAATGCTGGGAGCTGTACCTGACAGGGGTGGTGGTGTGCACAAAGATGTCAACGTGGTGGTGTAGT  
 GAAGGGGGCCCAAGGCCAGAAGAAATTAAGCGTCTCATGCTACATCGGATAAAGTGGGATGAGCAGA  
 CATCTAACACGAAGGGAGATGATGATGAGGAATCTGATGAAGAAGCTGTGAAGAAAATAACAAATGTGT  
 ACTAGTATGGGAGGTACAGCCAAAGACCGGAGCTTTGGAGAGATGAAGTTTAAACAGTGCCTACAGAG  
 AACATGGCTCGTGAAGCTTTCAAAAAGCATGGGGCTGAACACTACTGGGACCTTGCACTGAGTGAATCTG  
 TGTTGGAGTCCACCGACTGAGACTACTGCTAGCCCTTGTATCTTCTTTCCTTTGCTTTCTTCTGTCTTCT  
 CACTCTACTTCCCAACCTTACCCACCGTGCCTGTGATCTCAGAAGTGTGCCAGGCCGATACCAGAGCAA  
 AAAGACTACCAAGTTCACCCAGTCAGCCTGGTGTACCCTCCATCCTGTATGTGCATATAATTAAGAGT  
 TATTTTTAAAAAAAAAAAAAAAAA

**Restriction Sites:** RsrII-NotI

**ACCN:** NM\_027541

**Insert Size:** 2052 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:** [BC006782](#), [AAH06782](#)

**RefSeq Size:** 2332 bp

**RefSeq ORF:** 2052 bp

**Locus ID:** 70767

**UniProt ID:** [Q922U1](#)

**Cytogenetics:** 3 F2.1

**Gene Summary:** Plays role in pre-mRNA splicing as component of the U4/U6-U5 tri-snRNP complex that is involved in spliceosome assembly, and as component of the precatalytic spliceosome (spliceosome B complex).[UniProtKB/Swiss-Prot Function]