

Product datasheet for **MC218319**

Prpf40b (BC082994) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Prpf40b (BC082994) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Prpf40b
Synonyms:	2610317D23Rik; Hycp
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >BC082994
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGATGCCACCACCTTCATGCCCCCTCCAGGGCTCCACCTCCTTTTCCTCCGATGGGGCTCCCCCTA
 TGAGTCAGAGACCACCAGCCATTCCCCCATGCCACCTGGCATACTGCCCAATGCTTCCACCAATGGG
 GGCACCGCCACCCTTACACAGATACCAGGAATGGTCCCTCCAATGATGCCGGGGATGCTGATGCCAGCG
 GTGCCTGTCACTGCAGCGACGGCTCCGGGTGCGGACACCGCCAGCTCTGCTGTGGCTGGAACAGGCCCTC
 CGAGGGCCTTATGGAGTGAGCACGTAGCCCTGACGGGCGCATCTACTACTACAATGCTGATGATAAGCA
 ATCCGTGTGGGAGAAGCCAGCGTACTCAAGTCTAAGGCAGAGCTGCTGCTGCCAGTGTCCCTGGAAA
 GAGTATAAGTCAGATACAGGGAAGCCTTACTACTACAACAACCAGAGTCAGGAGTCCCGGTGGACTCGGC
 CCAAGGACCTGGATGACCTGGAAGCCCTCGTCAAACAAGAGTCTGCAGGAAAACAGCAGACCCAGCAACT
 ACAGACTACAGCCACAACCACCTCAGCCACAGCCTGACCTCCACCTATACCTCCGGGTCCCATCCCA
 GTGCCTATGGCCCTCCTGGAACCTGAACCAGGTCGAAGTGAAGACTGTGATGTGCTGGAGGCTGCCAGC
 CCCTGGAGCAGGGCTTCTGCAGCGGGAGGAGGGCCCCAGCAGCTCTACTGGACAGCATCGGCAGCCACA
 GGAAGAGGAGGAAGCTAAGCCAGAACCAGAGCGATCTGGCCTCAGTTGGAGCAACCGGGAGAAGGCCAAA
 CAGGCTTTCAAAGAACTGCTAAGGGACAAGGCTGTCCCTTCCAATGCTTCATGGGAACAGGCCATGAAGA
 TGGTAGTCACTGACCCCCGCTACAGTGCCTTGCCCAAATAAGTGAAGAAGCAGGCGTTTAAATGCTTA
 CAAGGCTCAGCGGGAGAAGGAGGAGAAAGAGGAGGCCCGCTGAGAGCCAAGGAGGCCAAGCAGACCCTG
 CAGCATTTCTGGAACAGCATGAACGCATGACCTCCACCACCCGCTACCGGCGGGCAGAACAGACTTTTG
 GGGACCTGGAGGTCTGGGCTGTGGTCCCTGAGAGAGAGAGAAGGAAGTTTATGATGATGTCCTCTTCTT
 CCTGGCCAAGAAGGAGAAGGAACAAGCCAAGCAGCTCCGGCGTCGGAATATCCAGGCCCTGAAGAGCATC
 CTGGATGGGATGAGCAGTGTCAACTTCCAAACCCTTGGTCCCAGGCCAGCAGTACCTCATGGATAACC
 CCAGCTTTGCTCAGGACCAGCAGCTGCAGAACATGGACAAGGAAGATGCACTTATCTGCTTTGAGGAGCA
 TATCCGGGCTTTGGAGAGAGAGGAGGAGGAAGAGCGAGAACGGGCCCGGCTTCGGGAGCGGCAGCAGCAG
 CGGAAGAATCGGGAGGCCTTTCAGAGCTTCTGGACGAGCTGCATGAGACAGGGCAGCTGCACTCCATGT
 CCACCTGGATGGAGCTGTACCCGGCAGTCAGCACTGACGTTTCGCTTTGCCAACATGCTGGCCAGCCGGG
 TAAGGCAGCCAGGCTTCCCCTTGTCTGCTGCTTTCCTACCCTGTCAGCCTCTCTGGACCTAA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCTGAAGAGGATCTGGCAGCAAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-Mlul

ACCN: BC082994

Insert Size: 1674 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: [BC082994](#), [AAH82994](#)

RefSeq Size: 3390 bp

RefSeq ORF: 1673 bp

Locus ID: 54614

Cytogenetics: 15 F1

Gene Summary: May be involved in pre-mRNA splicing.[UniProtKB/Swiss-Prot Function]