

## Product datasheet for **MC222325**

### Prpf40b (NM\_018786) Mouse Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Prpf40b (NM_018786) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Prpf40b
Synonyms:	2610317D23Rik; Hycp
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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**Fully Sequenced ORF:** >MC222325 representing NM\_018786  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGATGCCACCACCTTCATGCCCCCTCCAGGGCTCCACCTCCTTTTCTCCGATGGGGCTCCCCCTA  
 TGAGTCAGAGACCACCAGCCATTCCCCCATGCCACCTGGCATACTGCCCAATGCTTCCACCAATGGG  
 GGCACCGCCACCCTTACACAGATACCAGGAATGGTCCCTCCAATGATGCCGGGGATGCTGATGCCAGCG  
 GTGCCTGTCACTGCAGCGACGGCTCCGGGTGCGGACACCGCCAGCTCTGCTGTGGCTGGAACAGGCCCTC  
 CGAGGGCCTTATGGAGTGAGCACGTAGCCCTGACGGGCGCATCTACTACTACAATGCTGATGATAAGCA  
 ATCCGTGTGGGAGAAGCCAGCGTACTCAAGTCTAAGGCAGAGCTGCTGCTGCCAGTGTCCCTGGAAA  
 GAGTATAAGTCAGATACAGGAAGCCTTACTACTACAACAACCAGAGTCAGGAGTCCCGGTGGACTCGGC  
 CCAAGGACCTGGATGACCTGGAAGCCCTCGTCAAACAAGAGTCTGCAGGAAAACAGCAGACCCAGCACT  
 ACAGACTACAGCCACAACCACCTCAGCCACAGCTGACCTCCACCTATACCTCCGGGTCCCATCCCA  
 GTGCCTATGGCCCTCCTGGAACCTGAACCAGGTGGAAGTGAAGACTGTGATGTGCTGGAGGCTGCCAGC  
 CCCTGGAGCAGGGCTTCTGCAGCGGGAGGAGGGCCCCAGCAGCTCTACTGGACAGCATCGGCAGCCACA  
 GGAAGAGGAGGAAGCTAAGCCAGAACCAGAGCGATCTGGCCTCAGTTGGAGCAACCGGGAGAAGGCAAAA  
 CAGGCTTTCAAAGAACTGCTAAGGGACAAGGCTGTCCCTTCCAATGCTTCATGGGAACAGGCCATGAAGA  
 TGGTAGTCACTGACCCCCGCTACAGTGCCTTGCCAACTAAGTGAGAAGAAGCAGGCGTTTAAATGCTTA  
 CAAGGCTCAGCGGGAGAAGGAGGAGAAAAGAGGAGGCCCGCTGAGAGCCAAGGAGCCAAGCAGACCCTG  
 CAGCATTTCTGGAACAGCATGAACGCATGACCTCCACCACCCGCTACCGCGGGCAGAACAGACTTTTG  
 GGGACCTGGAGGTCTGGGCTGTGGTCCCTGAGAGAGAGAGAAGGAAGTTTATGATGATGCTCCTCTCTT  
 CCTGGCCAAGAAGGAGAAGGAACAAGCCAAGCAGCTCCGGCGTCGGAATATCCAGGCCCTGAAGAGCATC  
 CTGGATGGGATGAGCAGTGTCAACTTCCAAACCCTTGGTCCCAGGCCAGCAGTACCTCATGGATAACC  
 CCAGCTTTGCTCAGGACCAGCAGCTGCAGAACATGGACAAGGAAGATGCACTTATCTGCTTTGAGGAGCA  
 TATCCGGGCTTTGGAGAGAGAGGAGGAGGAAGAGCGAGAACGGGCCCGGCTTCGGGAGCGGCAGCAGCAG  
 CGGAAGAATCGGGAGGCCCTTTCAGAGCTTCTGGACGAGCTGCATGAGACAGGGCAGCTGCACTCCATGT  
 CCACCTGGATGGAGCTGTACCCGGCAGTCAGCACTGACGTTTCGCTTGGCAACATGCTGGCCAGCCGGG  
 CTCTACTCCTTTGACTTGTCAAGTCTATGTGGAGGAGTTGAAGGCTCGATTCCACGATGAGAAGAAG  
 ATCATAAAGGATATCCTTAAGGATCGGGGCTTCTGTGTGGAGGTGAACACAGCATTGAGGACTTCGCC  
 ACGTCATAAGCTTTGACAAGAGGGCTGCTGCGCTGGACGAGGCAACATCAAGCTGACCTCAATAGTCT  
 GCTGGA AAAAGCAGAGGCACGGGAGAGGGAACGGGAAAAGGAGGAGGCCGAAGGATGCGGCGCAGAGAA  
 GCTGCCTTTGGAAGCATGCTGAGGCAGGCCGTGCCTGCTGAGACTGGGCACTGCCTGGGAAGAGGTCC  
 GTGAGCGCTTTGTGTGCGACTCAGCCTTTGAGCAGATCACCTGGAGTCGGAGCGGATCCGGCTCTTCCG  
 AGAGTTCTGCAGGTGTTGGAGACTGAATGCCAGCACCTCCACACCAAAGGCCGAAAGCATGGCAGAAAAG  
 GGCAAGAAACACCATCGCAAGCGTTTCACTCACCTCAGTGAGTCGGCAGGGCTCTGAGTCAGATGAAG  
 AGGAGCTGCCCCACCATCCCTCCGGCCCCCAAGCGGAGGAGGGCAACCCCTCAGAATCTGGCTCTGA  
 GCCCTCCTCCTCACTTGATTGAGTTGAAAGTGGGGGTGCTGCTCTTGGAGGACCAGGCTCCCCATTTCC  
 CAGCTTCTTCTGGGTGAGATCATGGTCTTCGGAAAACCAAGAAACCAAAAAAGAAAACCAAGAAAAGAA  
 GACACAAGTCGACCAGTCTGACAGTGAGACGGACCCCGAAGACAAGCTGGTAAGGAGAGTGAAGACAG  
 AGAACAGGAACAGGACAGGGAACCCCGGCAGGCAGAGCTCCCTAACCGTTCCCGAGGCTTCGGAATCAAG  
 AAGGAGAAGACAGGCTGGGACACGTGAGAAAGCGAGCTGAGTGAGGGGGAGCTGGAGAGGCGAAGGCGGA  
 CACTCCTACAGCAGCTGGACGACCACCA**TGA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI  
**ACCN:** NM\_018786  
**Insert Size:** 2622 bp

<b>OTI Disclaimer:</b>	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).
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<a href="#">NM_018786.2</a> , <a href="#">NP_061256.1</a>
<b>RefSeq Size:</b>	3182 bp
<b>RefSeq ORF:</b>	2622 bp
<b>Locus ID:</b>	54614
<b>UniProt ID:</b>	<a href="#">Q80W14</a>
<b>Cytogenetics:</b>	15 F1
<b>Gene Summary:</b>	May be involved in pre-mRNA splicing.[UniProtKB/Swiss-Prot Function]