

## Product datasheet for MC212884

### Prpf38a (NM\_172697) Mouse Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Prpf38a (NM\_172697) Mouse Untagged Clone  
**Tag:** Tag Free  
**Symbol:** Prpf38a  
**Synonyms:** 2410002M20Rik  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**Cell Selection:** Neomycin  
**Fully Sequenced ORF:** >MC212884 representing NM\_172697  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**GCGATCGCC**

ATGGCGAACCGTACAGTGAAGGATGCCACAGCATCCATGGCACCAACCCTCAGTATCTGGTGGAGAAGA  
 TCATCCGGACGCGAATCTATGAATCAAAGTACTGGAAAGAAGAGTGTGGACTTACAGCTGAACCTTTG  
 AGTGGACAAAGCCATGGAGTTAAAGTTCGTTGGTGGTGTGTATGGTGGAAACATAAAGCCAACCTCTTTT  
 TTGTGTTTAACTTGAAAATGCTTCAGATTCAACCTGAGAAGGATATCATTGTTGAGTTCATAAAAAATG  
 AAGATTTCAAGTATGTCCGGATGCTGGGGCCTTTACATGCGGCTCACAGGAACGCAATTGATTGCTA  
 CAAGTACTTGGAGCCTTTGTACAATGACTATCGAAAAATCAAGAGCCAGAACCGAAATGGAGAGTTTGTG  
 CTGATGCATGTAGATGAGTTCAATTTATGAACTCCTGCACAGTGAAGAGTCTGTGATATCATTGCCCC  
 GGCTACAGAAACGGTATGTGCTGGAAGAAGCTGAGCAACTGGAGCCTCGAGTTAGTGCCTAGAAGAGGA  
 CATGGATGATGTGGAGTCTAGTGAAGAGGAGGAGGAAGATGAGAAGCTTGAAGAGTGCCATCACCT  
 GACCATCGAAGAAGAAGCTACAGAGATTTGGACAAGCCAAGCGTTCACCTGCACTGCGCTACAGGAGGA  
 GCCGGAGTCGTTCTCCAGAAGCGGAGTATCCCTAAAAGAAGAAGTCTTCTCCCGAAGAGAAAG  
 GCATAGGAGCAAGAGTCCACGACGCCATCGGAGCAGGTCTAGAGACAGACGACAGTCCCGCTCTAAA  
 TCCCCAGTCAACCGTAGTCACAGACATAGAAGCCACTCAAAGTCTCCTGAAAGGTCTAAGAAAAGCC  
 ACAAGAAGAGCCGGAGGGGAAATGAGTAA

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI  
**ACCN:** NM\_172697  
**Insert Size:** 939 bp



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<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_172697.3</a> , <a href="#">NP_766285.2</a>
<b>RefSeq Size:</b>	1519 bp
<b>RefSeq ORF:</b>	939 bp
<b>Locus ID:</b>	230596
<b>UniProt ID:</b>	<a href="#">Q4FK66</a>
<b>Cytogenetics:</b>	4 C7
<b>Gene Summary:</b>	Involved in pre-mRNA splicing as a component of the spliceosome.[UniProtKB/Swiss-Prot Function]