

Product datasheet for **RN213077**

Prpf38b (NM_001024305) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Prpf38b (NM_001024305) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Prpf38b
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN213077 representing NM_001024305
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCTAACAAACAGCCCCGCGCTGACCGGCAACTCGAACCGCAGCACCAGGCGGCTGCGGCCGTGGTCC
 AGCAGCAGCAGCAGTGTGGCGGGCGGCCACCAAGCCGGCGGTGTCGGGCAAGCAGGCAATGTGCT
 GCCGCTGTGGGCAATGAGAAGACCATGAACCTCAACCCATGATCCTCACCAACATCCTGTCGTCGCC
 TACTTCAAAGTGCAGCTCTACGAGCTCAAGACCTACCACGAGGTGGTGGACGAGATCTACTTTAAGGTCA
 CGCATGTTGAGCCATGGGAGAAGGGGAGCAGGAAAAGTCTGGCCAGACGGGGATGTGCGGAGGGTTTCG
 AGGCGTTGGAACAGGAGGATTGTTTCTACGGCATTTCCTCCTGTACAAATTATTTACCTGAAGTTA
 ACTCGAAAGCAAGTGTGGTCTCATAACACATACAGACTCTCCATATATCAGAGCCCTGGATTTATGT
 ATATAAGGTATACACAACCCCTACAGACTGTGGGACTGGTTCGAGTCTTCTTGATGATGAGGAGGA
 CCTAGATGTGAAAGCTGGTGGAGGCTGTGTAATGACCATTGGAGAGATGCTTCGTTCTTTTCTCACAAAG
 CTCGAGTGGTTTTCTACTTTGTTTCCAAGAATTCAGTTCAGTTCAGAAGAATATTGATCAGCAGATTA
 AAACCTCGACTAGGAAAATCAAGAAAGACGGAAGGAAGTGTGAGGAAATAGACAGACATATTGAGAG
 ACGGCGGTCCAGATCTCCAAGAAGATCACTGAGCCACGGAGGTCTCCAAGAAGTCAAGAAGCAGAAGT
 CATCACCGGGACGGTCATGGATCTTCTAGTTTCGACAGAGAATTAGAGAGAGAGAAAAGACGCCAACGAC
 TAGAGCGGGAAGCCAAAGAGAGAGAGAAAAGGCGAAGATCTCGAAGCCTTGATCGGGGCTTAGACCG
 CAGGCGGAGCCGAGTCGGGAGAGGCACAGAAGTCGCAGTCGCAGTCGTGATAGGAAAGGGGATAGAAGA
 GACAGGGATCGGGAAGAGAGAAAAGAAAATGAGAGAGGTCGAAGACGAGACCGGGATTATGATAAGGATA
 GGGCAAATGACCGAGAAAAGGACAGGGAGAGATCAAGAGAGCGCTCCAAGGAGCAAAGAAGTAGGGGTGA
 GGGAGAAGAGAAAAGCACAAAGAAGACAAGGAGGACAGACGACACAGAGATGACAAAAAAGAGTCCAAG
 AAAAAACACAGCAGAAGTAGAAGCAGAGAGAGGAAAACACAGAAGTAGGAGTAGAAGCAGAATGCAGGGA
 AGCGGAGCAGGAGCAGGACAAGGACAAGGCAAGCAAACATAAAAAAGCAAGGAGAAGTCAAAATAA
 AAGAAGCAGAAGTGGCAGTCAAGGAAGAACTGGCAGTGTGAGAAGAGAAAACGAGAACACAGCCCTAGC
 AGAGAGAAGTCTAGAAAGCGCAGCAGGACCAAGACCGTTCACACAAGAGAGATCATGATAGCAAGGACC
 AGTCAGACAGACAGGATCATCAGAGAAGCCAGAGTGTAGAGCCAGAAAGCCAAGAAAAAGAACATAAAAA
 CAAAGATGAGACTGT**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAAACATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_001024305
- Insert Size:** 1629 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_001024305.2](#), [NP_001019476.1](#)

RefSeq Size: 2993 bp

RefSeq ORF: 1629 bp

Locus ID: 499691

UniProt ID: [Q6AXY7](#)

Cytogenetics: 2q34

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