

Product datasheet for **MC218372**

Prpf38b (NM_025845) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Prpf38b (NM_025845) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Prpf38b
Synonyms:	1110021E09Rik; AU018955
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >MC218372 representing NM_025845
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGC**

ATGCCAACAAACAGCCCCGCGCTGACCGGCAACTCGCAACCGCAGCACCAGGCGGCCGCGCCGTGACCC
 AGCAGCAGCAGCAATGTGGCGGCGGCGGCGGCCACCAAGCCGCGGTGTGCGGCAAGCAGGGCAATGT
 GCTGCCGTGTGGGGCAACGAGAAGACCATGAACCTCAACCCCATGATCCTCACCAACATCCTGTCGTCG
 CCTTACTTCAAAGTGCAGCTCTACGAGCTCAAGACCTACCACGAGGTGGTGGACGAGATCTACTTTAAGG
 TCACGCATGTTGAGCCATGGGAAAAGGGGAGTAGGAAACTGCTGGCCAGACGGGATGTGCGGAGGGGT
 TCGAGGTGTTGGAACAGGAGGCATTGTTTCTACAGCATTTGCCTTCTATACAAATTATTTACCTGAAG
 TTAACTCGAAAGCAAGTGATGGGTCTCATAACACATACAGACTCTCCATATATCAGAGCCCTTGATTTA
 TGTATATAAGGTATACCAACCCCTACAGACCTGTGGGACTGGTTTGAGTCCTTCTTGATGATGAGGA
 GGACCTAGATGTCAAAGCTGGTGGAGGCTGTGTAATGACCATTGGAGAGATGCTTCGTTCTTTCTCACA
 AAAGTGAATGGTTTTCTACTTTGTTTCCAAGAATTCAGTTCAGTCCAGAAGAACATTGATCAGCAGA
 TTAAGTCTGACCTAGGAAATCAAGAAAGACGAAAGGAAGGCATTGAGGAGATAGACAGACATGTTGA
 GAGACGGCGATCCAGATCTCCAAGAAGTCACTGAGCCACGGAGGTCTCCAAGAAGATCAAGAAGCAGA
 AGTCATCACCGGAGGGCCATGGATCTTCTAGTTTTCAGAGAGAAATTAGAGAGAGAGAAAGAACGCCAAC
 GACTAGAGCGGGAAGCCAAAGAGAGAGAGAAAGAAAGGCGAAGATCCCGAAGCATTGATCGGGGCTTAGA
 TCGCAGGCGAAGCCGAGTCGGGAGAGGACAGAAAGTCGAGTCGAGTCGTGATAGGAAAGGGGATAGA
 AGAGACAGGGATCGGAAAGAGAGAAAGAAATGAGAGGGGTGGAAGACGAGACCGAGATTATGACAAGG
 AGAGAGGCAGTGACCGAGAAAGGACAGAGAGAGATCAAGAGAGCGCTCCAAGGAGCAGAGAAGTAGGGG
 TGATGGAGAAGAGAAGACAAAGACAAGGAGGACAGACGACACAGAGATGACAAAAAAGAGTCC
 AAGAAAAAACACAGCAGAAGCAGGAGCAGAGAGAGGAAACACAGGAGCAGGAGCAGAAACGAGGGAAGC
 GGAGCAGGAGCAGGAGCAAGGACAAGTCAAGCAGACATAAAAAACGAAAGCAAGGAGAAGGCAATAAAAAG
 AAGCAGAAGTGGCAGTCAAGGAAGAACTGGCAGTGTGAAAAGAGAAAACGAGAACACAGCCCTAGCAGA
 GAGAAGTCTAGAAAGCGCAGCAGGAGCCAAAGACCGTCCCAAGAGAGAGCATAATGATAGCAAGGACC
 AGTCAGACAGACAGGATCATCAGAGCAGCCAGAGTGGAGAGCCAGAGAGCCAAGAAAGGAACACAAAAG
 CAAAGATGAGACTGT**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_025845

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.

Note: Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.

RefSeq: [NM_025845.2](#), [NP_080121.1](#)

RefSeq Size: 3003 bp

RefSeq ORF: 1629 bp

Locus ID: 66921

UniProt ID: [Q80SY5](#)

Cytogenetics: 3 F3

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