

Product datasheet for **SC310279**

PRPF38B (NM_018061) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	PRPF38B (NM_018061) Human Untagged Clone
Tag:	Tag Free
Symbol:	PRPF38B
Synonyms:	NET1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >SC310279 representing NM_018061.
 Blue=Insert sequence Red=Cloning site Green=Tag(s)

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GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTGCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCCGCATCGCC
ATGGCTAACCAACAGCCCCGCGCTGACAGGCAACTCGCAGCCCGCAGCACCAGGCGGCTGCAGTCTCGGGCT
CAGCAACAGCAGCAGTGCGGCGGGCGGCGCTACCAAGCCGGGTCTCCGGCAAGCAGGGCAATGTG
CTCCCGCTCTGGGGCAACGAGAAGACCATGAACCTCAACCCCATGATCCTGACCAACATCCTGTCGTGCG
CCTTACTTCAAAGTACAGCTCTACGAGCTCAAGACCTACCACGAGGTGGTGGACGAGATCTACTTTAAG
GTCACGCACGTTGAACCATGGGAGAAAGGAAGCAGAAAAACAGCGGGCCAGACAGGGATGTGCGGAGGG
GTTTCGAGGTGTTGAACAGGAGGAATGTTTCTACAGCATTTTGCCTGTTATACAAATTATTTACCTG
AAGTTAACTCGAAAGCAAGTGTGGTCTTATAACACACACAGACTCTCCATATATTAGAGCGCTTGGGA
TTTATGTATATAAGATATACACAGCCCCCTACAGATCTGTGGGACTGGTTTGAATCCTTCCTTGATGAT
GAAGAGGACCTAGATGTGAAGGCTGGTGGAGGCTGTGTAATGACCATTGGAGAAATGCTACGATCTTTT
CTCACAAAACCTGGAGTGGTTTTCTACCTGTTTCCAAGAATTCCAGTTCCAGTTCAAAGAATATTGAT
CAACAGATTAACCCGACCTAGAAAAATCAAGAAAGATGGGAAGGAAGGTGCTGAGGAAATAGACAGA
CATGTTGAACGCAGACGTTCAAGGTCTCCAAGGAGATCTCTGAGTCCACGGAGGTCCCAAGAAGGTCA
AGAAGTAGAAGTCATCATCGGGAGGGCCATGGTCTTCTAGTTTTGACAGAGAATTAGAAAGAGAGAAA
GAACGCCAGCGACTAGAGCGTGAAGCCAAAGAAAGGGAGAAAGAACGGCGAAGATCCCGAAGTATTGAC
CGGGGGTTAGAACGCAGGCGCAGCAGAAGTAGGGAAAGGCATAGAAGTCGCAGTCGAAGTCGTGATAGG
AAAGGGGATAGAAGGGACAGGGATCGAGAAAGAGAGAAAGAAAATGAGAGAGGTAGAAGACGAGATCGT
GACTATGATAAGGAAAGAGGAAATGAACGAGAAAAAGAGAGAGCGATCAAGAGAAAGGTCCAAGGAA
CAGAGAAGTAGGGGAGAGGTAGAAGAGAAACATAAAGAAGACAAAGATGATAGGCGGCACAGAGAT
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AATGAAAGTAAAGAAAAATCAAATAAACGAAGTCGAAGTGGCAGTCAAGGAAGAACTGACAGTGTGAA
AAATCAAAAAACGGGAACATAGTCCCAGCAAAGAAAAATCTAGAAAGCGTAGTAGAAGCAAAGAACGT
TCCCACAAACGAGATCACAGTATAGTAAGGACCAGTCAGACAAACATGATCGTGAAGGAGCCAAAGT
ATAGAACAAGAGACCAAGAAAAACAGCATAAAAACAAAGATGAGACTGTGTGA
ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTAAACGGCCGGC
  
```

- Restriction Sites:** SgfI-MluI
- Plasmid Map:** □
- ACCN:** NM_018061
- Insert Size:** 1641 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).
- OTI Annotation:** This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.
- 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_018061.2](#)

RefSeq Size: 3711 bp

RefSeq ORF: 1641 bp

Locus ID: 55119

UniProt ID: [Q5VTL8](#)

Cytogenetics: 1p13.3

Domains: PRP38

Protein Pathways: Spliceosome

MW: 64.5 kDa

Gene Summary: May be required for pre-mRNA splicing.[UniProtKB/Swiss-Prot Function]
Transcript Variant: This variant (1) encodes the longest isoform (a). Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.