

Product datasheet for **SC113846**

PRPF39 (NM_017922) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	PRPF39 (NM_017922) Human Untagged Clone
Tag:	Tag Free
Symbol:	PRPF39
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >OriGene ORF within SC113846 sequence for NM_017922 edited (data generated by NextGen Sequencing)

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ATGCAAAATTCTCACATGGATGAATACAGAAATCTAGTAATGGCAGCACAGGCAACAGT
TCAGAGGTAGTGGTAGAACATCCTACTGATTTTCAGTACTGAGATTATGAACGTTACAGAA
ATGGAACAGTCACCTGATGACTCTCCCAATGTGAATGCATCTACAGAAGAACTGAAATG
GCAAGTGCTGTGGACCTCCAGTGACGCTGACAGAAACAGAAGCAAATTTCCCTCCAGAA
TATGAAAAATTTTGGAAAACGTAGAAAAATAATCCTCAGGATTTTACAGGCTGGGTATAT
TTGCTTCAATATGTAGAACAGGAGAATCACTTGATGGCTGCCAGGAAGGCATTTGACAGA
TTTTTCATACACTATCCGTATTGCTATGGTTACTGGAAAAAGTATGCAGACCTTGAAAAAG
CGGCACGACAACATTAACCATCAGATGAGGTNNNNNGCGGGGGCTTCAGGCAATACCT
CTTAGTGTGACCTTTGGATACATTATATAAACTTCTTAAAAGAAACATTGGACCCTGGT
GATCCTGAGACAAACAATAACAATAAGAGGAACTTTTGGAGCATGCTGTTCTAGCTGCAGGA
ACAGATTTCCGTTCTGACAGACTGTGGGAAATGTATATAAACTGGGAAAAATGAGCAGGGA
AACCTGAGAGAAGTTACAGCTATATATGATCGTATTCTTGGTATTCCAACACAGCTGTAT
AGTCATCATTTTTCAGAGATTTAAAGAACATGTACAGAATAATTTGCCTAGAGATCTTTTA
ACTGGTGAACAGTTTATTCAGTTGCGAAGGGAATTAGCTTCTGTAATGGTCATAGTGGT
GATGATGGTCTCCTGGTGATGATCTACCATCGGGAATTGAAGACATAACCGATCCTGCA
AAGCTAATTACAGAAATAGAAAACATGAGACATAGAATCATTGAGATTCAAGAAATG
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AGCATTGAAGGAGTGAGGCATGTCTTCAGCAGAGCTTGTACTATACATCTCCCAAAGAAA
CCCATGGTGCATATGCTTTGGGCAGCTTTTGGAGAACAGCAGGGTAATATTAATGAAGCC
AGGAATATCTTGAAAACATTTGAAGAATGTGTTCTAGGATTGGCAATGGTTCGTTTACGA
AGAGTAAGTTTAGAACGACGGCATGGAATCTGGAAGAAGCTGAACATTTGCTTCAGGAT
GCCATTAAGAATGCCAAATCAAATAATGAATCTTCATTTTATGCTGTCAAACCTAGCCCGG
CATCTTTTCAAATACAGAAAAACCTTCCAAAATCAAGAAAGGTGCTTTTGGAAAGCAATC
GAAAGAGACAAAGAGAACACAAAGTTATACCTCAATTTACTTGAAATGGAATATAGTGGT
GACCTCAAACAAAATGAAGAAAAATCCTAAATGTTTTGACAAAGCTGTACATGGTTCA
TTACCTATTAATGAGAATTACATTTTCTCAGAGAAAAGTGGAAATTTCTTGAAGATTTT
GGTTCCGATGTTAATAAGCTTCTGAATGCTTATGATGAACATCAAACACTCCTGAAAAGAA
CAGGATCTTTAAAAGGAAAGCAGAAAATGGATCAGAAGAACCAGAGGAAAAGAAAAGCA
CATACAGAAGATACAACCTTCATCATCTACACAGATGATTGATGGTGATTTACAGGCAAAC
CAAGCTGTATATAATTATAGTGCCTGGTATCAATACAATTATCAGAATCCTTGAATTAT
GGACAATATTATCCTCCCCTCCAACCTGA
    
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Clone variation with respect to NM_017922.3
 453 t=>n;454 t=>n;455 a=>n;456 t=>n;457 c=>n;1168 t=>n

5' Read Nucleotide Sequence:	<p>>OriGene 5' read for NM_017922 unedited CGTCANNATTTGTATACGACTCATATAGGGCGGCCGGAATTCGCACGAGGCTGGACCAG GCGGCCGTGGCGCGGGTGGCGGCTGCTGTGCTGGCTGTGGGGACGGAGGCGGTGAAGTGC CATCTTCGGCTAGGTCGTACAGGCTCCGGCTCATGGCATCAAGTGGCATCCATCATAAG ATCGTTAACTGAAGACAATATGCAAAATCTCACATGGATGAATACAGAAATCTAGTAA TGGCAGCACAGGCAACAGTTTACAGAGGTAGTGGTAGAACATCCTACTGATTTTCAGTACTGA GATTATGAACGTTACAGAAATGGAACAGTCACCTGATGACTCTCCAATGTGAATGCATC TACAGAAGAACTGAAATGGCAAGTGTGTGGACCTTCCAGTGACGCTNACAGAAACAGA AGCAAAATTTCCCTCCAGAATATGAAAAATTTTGAAAACTGTAGAAAATATCCTCAGGA TTTTACAGGCTGGGTATATTTGCTTCAATATGTAGAACAGGAGAATCACTTGATGGCTGC CAGGAAGGCATTTGACAGATTTTTCATACACTATCCGATTGCTATGGTTACTGGAAAAA GTATGCAGACCTTAAAAAGCGGCACGACAACATTAACCATCAGATGAGGTGCGTTAAAC CTCTACAGTTTGTCAAGCTTTCAGTGAAGCCTCTGTATTACTGCAGCTTAACAAAC GCTGTCATTGATGCTCTAATGGTCTGTGCCCTATGGTCTGTAAACCAAAGCCTGCCAC ACAANCCCGNTCAGAATGCAGNACTGCTGCGCTNTGAAGATCAAGACTCTGCACGTGNG GGATCAGAACATTGCCATGNTCTATCCAACCTCCACCAATGGTTTATCGCGGGNGGCTT TCAGCATACCTCTT</p>
3' Read Nucleotide Sequence:	<p>>OriGene 3' read for NM_017922 unedited GCCGCGCCGCAATCTAGAGTCGAGTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTT TTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTACGGGGGAGCCTTCCGTTTTTTTCCAAA AAGGAAAATCAGTTTGACAAAAGGAAAGCTTGTTCACAAGTTTTACATGAATTTTTTAA AACCAAAGTCTCCGAAACAACAACCTTTGGATAGGATTTTCTTTTTTAAGGGGGGCAA ACCTTCCATTTCCCATTTAAAACCTTTCCAGGGGAAAGTTTTTAAAAAGGTCCTT TCGGCGGTTAAACCACAATTCACAAGTTTAAACGAAACAAAACCTTGGCAGAAAGG GGTAAAAGCCCTTTTTTTTTTAAAAAAGGGGGGGAAATCCCCCCC CTTTTGGGTTTTAAAAATTTGCCCCCCCTGCCATGATTGGCAGCCGGTTTTTTTTTCC CCCCCCTTAGGGTCCAAAATTTGGGGGCAAAGCTTTGCAAAAAATTTAACCCTT AAGGCAAAAATCAAAAAAAGTTTTTCAAAAAAAGGAAATTTTTAAAGGGGGGAAAC AGTTTTGGGGGAACCCACTAATGGACATTTCCCTTTTACTAAACAAATCTGTTC CAAAACAGGGGAAGACGGTTTTTCAAAACCAACAAGCTTATACGGGTAACATCCCTCA TAAAAAATAAAATTTTATACTTTTCCACCCGGGATTGGAATTTACATTTTCCCT CAGGTGGAGGGGGGGGGATATTTGCCATATCCCAGGGTTCGAAATGGTTTTGGT CCCCCGCCCTTTTATTCCGGTTGGTTCGGCTGGAAAACCCACCCTTGGGGAAAGA GGGAGGGATCTCCGGGGGGCCTTTTCTCTGGGCTTTGGACCATA</p>
Restriction Sites:	NotI-NotI
ACCN:	NM_017922
Insert Size:	3220 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_017922.2](#), [NP_060392.2](#)

RefSeq Size: 3179 bp

RefSeq ORF: 1647 bp

Locus ID: 55015

UniProt ID: [Q86UA1](#)

Cytogenetics: 14q21.2

Domains: HAT

Gene Summary: Involved in pre-mRNA splicing.[UniProtKB/Swiss-Prot Function]