

Product datasheet for SC103269

PRPF38A (NM_032864) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	PRPF38A (NM_032864) Human Untagged Clone
Tag:	Tag Free
Symbol:	PRPF38A
Synonyms:	Prp38; PRP38A
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene ORF within SC103269 sequence for NM_032864 edited (data generated by NextGen Sequencing)

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ATGGCTAACCGTACAGTGAAGGATGCGCACAGCATCCATGGCACCAACCCTCAATATCTG
GTGGAGAAGATCATTGAAACGCGAATCTATGAGTCCAAGTACTGGAAAGAGGAGTGCTTT
GGACTTACAGCTGAACTTGTAGTCGATAAAGCCATGGAGTTAAGGTTTGTGGGTGGCGTC
TATGGTGGCAACATAAAACCAACACCCTTTCTGTGTTAACCTTGAAGATGCTTCAAATT
CAACCCGAGAAGGATATCATTGTAGAGTTTATCAAAAATGAAGATTTCAAGTATGTCCGC
ATGCTGGGGCACTTTACATGAGGCTGACAGGCACTGCAATTGATTGCTACAAGTACTTG
GAACCTTTGTACAATGACTATCGAAAAATCAAGAGCCAGAACCGAAATGGGGAGTTTGAA
TTGATGCATGTTGATGAGTTTATTGATGAACTATTGCACAGTGAAGAGTCTGTGATATC
ATTCTGCCCGACTACAGAAACGCTATGTATTAGAGGAAGCTGAGCAACTGGAGCCTCGA
GTTAGTGCTCTGGAAAGAGGACATGGATGATGTGGAGTCCAGTGAAGAGGAAGAAGAGGAG
GATGAGAAGTTGGAAAGAGTGCCATCACCTGATCACCGCCGGAGAAGCTACCGAGACTTG
GACAAGCCCCGTCGCTCTCCCACTGCGCTACAGGAGGAGTAGGAGCCGGTCTCCCAAGA
AGGCGGAGTGCATCTCCCAAAAGGAGAAGCCCCCTCCCCTCGCCGAGAAAGGCATCGGAGC
AAGAGTCCAAGACGTACCCGAGCAGGTCCCGAGATCGGGCGCACAGATCCCCTTCCAAG
TCCCCAGGTCATACCGTAGTCACAGACACAGGAGCCACTCAAAGTCTCCCGAAAGGTCT
AAGAAGAGCCACAAGAAGAGCCGGAGAGGAATGAGTAA

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Clone variation with respect to NM_032864.3



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5' Read Nucleotide Sequence:	<p>>OriGene 5' read for NM_032864 unedited</p> <pre>GGGCACATTTGTATACGACTCCTATAGGGCGGCCGCGATTCCGGCACGAGGCCGGCTTCAA GAGGTCGCCTAAGCTGTTTAGTGAAACTTCTCCACCTTCTCCATTCTCTAGGTGCTT TTTCTGAACCTGGATGTGAGGCATTAAGGATCCGACGGAAATAGAATTGAAGGCATTCT AAAATGGTAACCGTACAGTGAAGGATGCGCACAGCATCCATGGCACCAACCCTCAATAT CTGGTGGAGAAGATCATTGCAACGCGAATCTATGAGTCCAAGTACTGAAAGAGGAGTGC TTTGACTTACAGCTGAACCTGTAGTCGATAAAGCCATGGAGTTAAGGTTTGTGGGTGGC GTCTATGGTGGCAACATAAAACCAACACCCTTCTGTGTTTAAACCTTGAAGATGCTTCAA ATTCAACCCGAGAAGGATATCATTGTAGAGTTTATCAAAAATGAAGATTTCAAGTATGTC CGCATGCTGGGGGCACCTTACATGAGGCTGACAGGCACTGCAATTGATTGCTACAAGTAC TTGGAACCTTTGTACAATGACTATCGAAAAATCAAGAGCCAGAACCAGAAATGGGGAGTTT GAATTGATGCATGTTGATGAGTTTATTGATGAACTATTGCACAGTGAGAGAGTCTGTGAT ATCATTCTGCCCCGACTACAGAAACGCTATGTATTAGAGGAAGCTGAGCAACTGGAGCCT CGAGTTAGTGCTCTGGAAGAGGACATGNATGATGTGNAGTCCAGTGAAGAGGAGAAGNNA GAGATGAGAAGTTGAAAGAGTGCCATCACCTGATCACCGNCGNAGAAGCTACCGAGACT TGNACCAGCCCCGCTCGCTCTCCACTGCGCTACAGNAGNGAGTAGAACCCGCTCTCCCN</pre>
3' Read Nucleotide Sequence:	<p>>OriGene 3' read for NM_032864 unedited</p> <pre>TTGGGCATGACTCTTAATACTGTCTGGAAGTCTTTNCAATTCTAGCAGCAGCATAGAATA TATAGAATGTTTACCTTATGACCAGATACAACCTCCCAAGAAAACTGGATCCTGCAGGG CAGCTGGTCTTACAGCCCTGCTGGGACTACAGTTGCAGAAATCATTCCATCACTTTTC TCTTTTTAAGGGAGTTAACACAGGTAAGGAACCTTCTACCAAGATCTTAATAATCT CTTGATTATCGAGCCCCGTGGAGGCTTTTAGTCCTTCTTTGCTTGTGCATTCTTGACC CTTGGCTCTTTCACTACTCTCTCCTAATTCTCTGCCTTTTTGAATGAGCCATTCCAG CTTTAATATGTACTTCTATTCTTCCCTGCGCTGGCTGTTTCTACTGGCCCTGCCG CGTGCACCTTCTGATCTATCAACACTCTGGAAACCCTATTGACACATCCCACCATTA CTCAAACATCGTCAATTCTGTCTACATCGCCATGTTAACTCTGGTCCCTATCTCCAAC TCTATGGGCTTCCGCCCTACCCATACCATACCTGTCTCAAATTAACCTCGTTAACTGC ATGCCTCTCTCCATTACCACCACTATTCTTCTAATCTATTGCCCCCTTAATGCTGTCT CCCCTGCTGCATCCCCTGACCTGCGCATCGCTCACCTGTCTCACCATTTTAGTTAAAC CCACGCACCAATTTACCAACCTCGTTTTCCCATACACTTTTTCCACCCTCCCCCCCCC TACTGTTCCCTGACTCCCCCTGTGACCCGTCATTCGTCCTTGACATAGTCCGCCACC TCTTACCTGTTCTCCACCCTCGTGCCACCAACTCATGAACACTCCTATAAATCGCCCTG CTCTAGGGTTCCACCCGCTTTTCCCGGTAACCTTCCGTTCAACCCGCCCCACCACCCT AATTCCTATCTTTGATCCCCCTCTCCC</pre>
Restriction Sites:	NotI-NotI
ACCN:	NM_032864
Insert Size:	2920 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:	<ol style="list-style-type: none">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:	<u>NM_032864.2</u> , <u>NP_116253.2</u>
RefSeq Size:	2613 bp
RefSeq ORF:	939 bp
Locus ID:	84950
UniProt ID:	<u>Q8NAV1</u>
Cytogenetics:	1p32.3
Domains:	PRP38
Protein Pathways:	Spliceosome
Gene Summary:	Involved in pre-mRNA splicing as a component of the spliceosome.[UniProtKB/Swiss-Prot Function]