

Product datasheet for **SC302543**

PRPF40B (NM_001031698) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	PRPF40B (NM_001031698) Human Untagged Clone
Tag:	Tag Free
Symbol:	PRPF40B
Synonyms:	HYPC
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



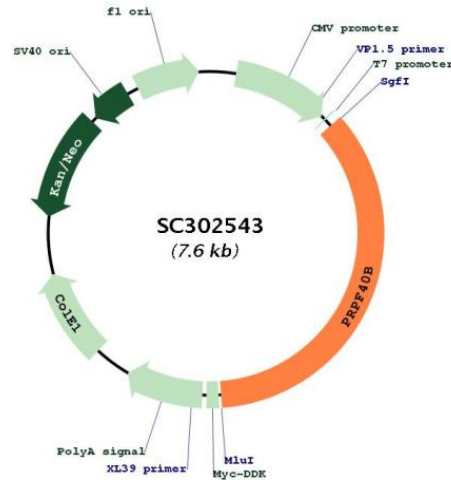
[View online »](#)

Fully Sequenced ORF: >SC302543 representing NM_001031698.
 Blue=Insert sequence Red=Cloning site Green=Tag(s)

```

GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGTCGGTTCCTGATTCTGGTCCCCGGCCCCAGCAGCGCCTGCCCCCTCCACCCGGGCCCCCCCATG
ATGCCACCACCTTCATGCCCCCTCCAGGGATCCCCCACCCCTTCTCCGATGGGGCTACCCCCATG
AGTCAGAGACCACCAGCTATCCCCCATGCCACCTGGCATCCTGCCCAATGCTTCCACCAATGGGG
GCGCCACCACCACTCACACAGATACCAGGAATGGTACCTCCGATGATGCCAGGAATGCTGATGCCAGCG
GTGCTGTCCACCGCAGCGACGGCTCCGGGTGCGGACACCGCCAGCTCTGCTGTGGCTGGGACAGGCCCT
CCGAGGGCCCTATGGAGTGAGCATGTGGCCCCAGATGGGCGCATCTACTACTACAATGCTGACGACAAG
CAGTCCGTGTGGGAGAAGCCAGCGTGTCAAGTCCAAGGCAGAGCTGCTCCTGTCCCAATGTCCCTGG
AAAGAGTACAAGTCGGACACAGGCAAACCTTATTACTATAACAACCAGAGTAAAGAGTCCCGCTGGACC
CGGCCAAAGGATCTGGATGACCTAGAGGTTCTAGTCAAACAAGAGGCTGCAGGGAACAGCAGCAGCAG
CTGCCACAGACACTTCAGCCACAGCCACCTCAGCCACAGCCTGACCCCCACCTGTGCTCCTGGCCCC
ACCCACAGTGCCACAGGCCCTCCTGGAACCTGAGCCAGGTGGGAGTGAAGATTGTGATGTGTTGGAGGCC
ACCCAGCCCTGGAACAGGGGTTCTGCAGCAGCTGGAGGAGGGCCCCAGCAGTTCTGGACAGCATCAG
CCACAGCAGGAGGAGGGAATCAAAGCCAGAACCAGAGAGGTCTGGCCTCAGTTGGAGCAACCGGGAG
AAGGCAAAGCAGGCATTCAAGGAAGTGTGAGGGACAAGGCTGTCCCCTCCAATGCCTATGGGAACAG
GCCATGAAGATGGTGGTACCGACCCCCGTTACAGTGCCTTGCCTAAACTGAGTGAGAAAAAGCAGGCA
TTCAATGCCTACAAGGCGCAGCGGGAGAAGGAGGAGAAGGAGGAGGCCCGGCTAAGGGCCAAAGAGGCC
AAGCAGACCTTCAGCATTCTTGGAGCAGCATGAACGCATGACCTCCACCACCCGCTACCGGCGGGA
GAACAGACCTTTGGGAGCTGGAGTCTGGCTGTGGTCCCTGAGAGGGATCGAAAAAGGTTTATGAT
GATGTCCTCTTCTTCTGGCCAAGAAGGAGAAGGAACAGGCCAAGCAGCTCCGGCCCGCAATATCCAG
GCCCTAAAGAGCATCCTGGATGGGATGAGTAGTGTCAACTTCAAACCACGTGGTCCCAGGCCAGCAG
TACCTCATGGATAACCCAGCTTGTCTCAGGACCATCAGCTGCAGAACATGGACAAGGAAGATGACTG
ATCTGTTTTGAGGAGCACATCCGAGCTTGGAGAGGGAAGAGGAGGGAACGGGAGCGGCCCGGCTT
CGGGAGCGACGCAACAACGCAAGAATCGGGAGGCCTTCCAGACCTTCTGGACGAGCTGCATGAGACA
GGGAGCTGCACTCTATGTCCACCTGGATGGAGCTATATCCAGCAGTCACTGATGTCGCTTTGCC
AACATGCTGGCCAGCCGGCTCCACCCCTCTGGACTTATTCAAGTTCTATGTGGAGGAGTTGAAGGCA
CGATTCATGATGAAAAGAAGATCATTAAAGGACATCCTTAAAGACCGGGCTTCTGCGTGGAGGTGAAC
ACGGCCTTTGAGGACTTCGCCACGTCATAAGCTTTGACAAGAGGGCTGCCGCACTGGACGAGGCAAC
ATCAAGCTGACCTTCAATAGTCTGCTGGAGAAAGCAGAGGCACGGGAGAGGGAGCGGGAGAAGGAGGAG
GCACGCAGGATGCGGCGCAGGGAAGCTGCCTTTCGAAGCATGCTGAGGCAGGCTGTGCTGCTCTGGAG
CTAGGCACTGCCTGGGAAGAGGTCCGTGAGCGTTTTGTGTGACTCAGCCTTTGAGCAGATCACCTG
GAGTCCGAGCGGATCCGGCTCTTCCGGGAGTTCCTACAGGTGCTGGAGACTGAATGCCAGCACCTCCAC
ACCAAAGGCCGAAAGCATGGCAGGAAAGCAAGAAGCACCATCACAAGCGTTCCCACTCACCTCAGGC
TCTGAGTCAGAAAGAGGAGCTGCCCCACCATCTCTCCGGCCCCCAAGCGGAGGAGCGGAACCCC
TCAGAGTCAGGCTCTGAGCCCTTCTCTCACTTGATTGAGTTGAAAGTGGGGTGTGCTGCCCTGGAGGA
CGGGGCTCCCCTTCTCCATCTTCTTGGAGCAGATCATGGCCTTCGAAAGCCAAGAAACAAAAAAG
AAAAGTAAAGAGAAGACACAAGTCAATAGTCTGAGAGTGAACAGACCCTGAGGAGAAGGCTGGC
AAGGAGAGCGATGAGAAAGAACAAGAAGCAGGACAAGGACAGGGAGCTCCAACAGGAGAGCTCCCTAAC
CGTTCCCCAGGCTTTGGAATCAAGAAGGAGAAGACAGGCTGGGACACGTCAGAAAGTGAAGTGAAGTGA
GGTGAAGTGGAGAGGCGGCGGACACTCCTACAGCAGCTGGATGATCACCAGTGA
ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC
  
```

Restriction Sites: SgfI-MluI

Plasmid Map:


ACCN: NM_001031698

Insert Size: 2679 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_001031698.2](#)

RefSeq Size: 3350 bp

RefSeq ORF: 2679 bp

Locus ID: 25766

UniProt ID: [Q6NWX9](#)

Cytogenetics: 12q13.12

Protein Pathways: Spliceosome

MW: 101.4 kDa

Gene Summary: This gene encodes a WW-domain containing protein similar to yeast splicing factor PRP40. This protein has been shown to interact with Huntingtin and methyl CpG binding protein 2 (MeCP2). Alternative splicing results in different transcript variants. [provided by RefSeq, Aug 2014]

Transcript Variant: This variant (1) encodes the longer isoform (1).