

## Product datasheet for **SC117984**

### **PFDN3 (VBP1) (NM\_003372) Human Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	PFDN3 (VBP1) (NM_003372) Human Untagged Clone
Tag:	Tag Free
Symbol:	PFDN3
Synonyms:	HIBBJ46; PFD3; PFDN3; VBP-1
Mammalian Cell Selection:	None
Vector:	<u><a href="#">pCMV6-XL5</a></u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene ORF within SC117984 sequence for NM_003372 edited (data generated by NextGen Sequencing)

```
ATGGCGGCCGTTAAGGACAGTTGTGGCAAAGGAGAAATGGCCACAGGGAATGGGCGGCGG
CTCCACCTGGGGATTCTGAGGCCGTGTTGTGGAAGATGTAGATTCCTTCATGAAACAG
CCTGGGAATGAGACTGCAGATACAGTATTAAGAAGCTGGATGAACAGTACCAGAAGTAT
AAGTTTATGGAACCAACCTTGCTCAAAAGAAAAGAAGGCTAAAAGGTCAGATTCCTGAA
ATTAAACAGACTTTGAAATTCTAAAATACATGCAGAAGAAAAAGAGTCCACCAACTCA
ATGGAGACCAGATTCTTGCTGGCAGATAACCTGTATTGCAAAGCTTCAGTTCCTCCTACC
GATAAAGTGTGTCTGTGGTTGGGGCTAATGTAATGCTTGAATATGATATTGATGAAGCT
CAGGCATTGTTGAAAAGAATTTATCGACTGCCACAAAGAATCTTGATTCCTGGAGGAA
GACCTTGACTTTCTCGAGATCAATTTACTACCACAGAAGTCAATATGGCCAGGGTTTAT
AATTGGGATGTAAGAAGAAACAAGGATGACTCTACCAAGAACAAGCATAA
```

Clone variation with respect to NM\_003372.5



[View online »](#)

<b>5' Read Nucleotide Sequence:</b>	<p>&gt;OriGene 5' read for NM_003372 unedited</p> <pre>GGTCAAAATTTGTATACGACTCCTATAGGGCGGCCGGAATTCGCACGAGGCATCCCCAA GAGGCGGCCGTTAAGGACAGTTGTGGCAAAGGAGAAATGGCCACAGGGAATGGGCGGCCG CTCCACCTGGGGATTCTGAGGCCGTGTTGTGGAAGATGTAGATTCTTCATGAAACAG CCTGGGAATGAGACTGCAGATACAGTATTAAGAAGCTGGATGAACAGTACCAGAAGTAT AAGTTTATGGAACCAACCTTGCTCAAAAAGAAAAGAAGGCTAAAAGGTCAGATTCTCTGAA ATTAACAGACTTTGAAATTTCTAAAATACATGCAGAAGAAAAAGAGTCCACCAACTCA ATGGAGACCAGATTCTTGCTGGCAGATAACCTGTATTGCAAAGCTTCAGTTCTCTCTACC GATAAAGTGTGTCTGTGGTTGGGGGCTAATGTAATGCTTGAATATGATATTGATGAAGCT CAGGCATTGTTGGAAAAGAATTTATCGACTGCCACAAAGAATCTTGATTCCCTGGAGGAA GACCTTGACTTTCTCGAGATCAATTTACTACCACAGAAGTCAATATGGCCAGGGTTTAT AATTGGGATGTAAGAAGAAACAAGGATGACTCTACCAAGAACAAGCATAATGCTGG CAATTAATAATGTGGTTAGTTTCCAAACATGTTATCTTAAATACCCCTTTATCCTTAC AGGTTGACATAACTTTGAATGTTNTAACAGCAAGAATTNTAAGAAAAGATAAACACCATT TTATTTATTTATAAAAACAAAATTAGTTTCAAATATTTTTGACATTGTGATTNTTTTTTT CACATTTCTCAGCAAGCTAATGGTATTTTAATCATTATTTTTGCCTGTCATAAGAAAAC CTTAGCTGAAATGGGCGAAAAAT</pre>
<b>3' Read Nucleotide Sequence:</b>	<p>&gt;OriGene 3' read for NM_003372 unedited</p> <pre>GCGGCCGCAATCTAGNATCGAGTTTTTTTTTTTTTTTTTTTTAGTTTTAGCATCACTGTTTT AATTTTCATGAAATACAAGTACAAAACATTGTATAAGTATACTTTTTACTACATGGAGATG AACTAATACATTTATGTTTTTATCAGAATCTGTATCACCCAGCGCTGGTCAATGTACTAG TAGCTTTCCACAGGGATTTTTTATACTATTCTATAAGGTTTTATCATGAATAAAAAAGC TCACAACTCTTTTCAGCCATTGCAGATTACATTTATCTTAATATTCCTGTTCAAGATGC TCTGGAGAACTGTTAAGAACTACAAAATCACCTTAGGCAGAGTTTTGAATGAGTAATTTT ATTTACAGTTGGCCAAGATCTCCCTTATGTTGGCATTGCAAAGACACTGCACTTATCTGA GGTTAGAAAAAATGTAGTCTTAATAGCCCTCTAATGTGTAGCAAGGCAAATTACCATT CCTAAATGTCCAGAATATCATAGTAGTTAGTTATTCGTTAAGCAGTAAGTCATGAAACT CCACTTATAGAAGACAATAGCAACAGAGGACCCTAAGTCCTAAATATACCAAAGAAAAA CAAGTTTACAAAATATTTCAAACGTCTGTCTTCTCTACCTCTAAAATGTTTAACCATCA AGTGAGAGTAACATCAGCCGATTAGAAGGAAAAAAGTAACTGTGCTAGCGTTCCGGCCT TTCAGTTCCCTTTGCCATGTCTCTACAGATTTTCGGGCCCTTTTAACTTAAAAAATTTT TCTTTTGGCCGGCGCAAAAAATTGGTTTATAATTTCCCCCCCCCCCCCCCCCCCCCGG TCCCCGGCGCCCTCCCCCCCCCGGGCCTTCCCCGTGGCCACTCCCCCTTCCCCCTC CCCTTTTACGGTAGTTTGCCCCCTGTGTGCCCCCACACCCC</pre>
<b>Restriction Sites:</b>	NotI-NotI
<b>ACCN:</b>	NM_003372
<b>Insert Size:</b>	1590 bp
<b>OTI Disclaimer:</b>	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).
<b>Components:</b>	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\\_003372.4](#), [NP\\_003363.1](#)

**RefSeq Size:** 1793 bp

**RefSeq ORF:** 594 bp

**Locus ID:** 7411

**UniProt ID:** [P61758](#)

**Cytogenetics:** Xq28

**Domains:** DUF232

**Protein Families:** Druggable Genome

**Gene Summary:** The protein encoded by this gene interacts with the Von Hippel-Lindau protein to form an intracellular complex. The encoded protein functions as a chaperone protein, and may play a role in the transport of the Von Hippel-Lindau protein from the perinuclear granules to the nucleus or cytoplasm. Alternative splicing and the use of alternate transcription start sites results in multiple transcript variants encoding different protein isoforms. [provided by RefSeq, Jan 2015]  
Transcript Variant: This variant (1) encodes isoform 1.