

Product datasheet for **SC319786**

PFDN1 (NM_002622) Human Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: PFDN1 (NM_002622) Human Untagged Clone
Tag: Tag Free
Symbol: PFDN1
Synonyms: PDF; PFD1
Mammalian Cell Selection: Neomycin
Vector: pCMV6-AC (PS100020)
E. coli Selection: Ampicillin (100 ug/mL)

Fully Sequenced ORF: >OriGene sequence for NM_002622.4
GGCACGAGGCGCAGGCGCTTACAGTGCACCAAGATGGCCGCCCGTGGATCTAGAGCTG
AAGAAGGCCTTACAGAGCTTCAAGCCAAAGTTATTGACACTCAACAGAAGGTGAAGCTC
GCAGACATACAGATTGAACAGCTAACAGAACGAAAAGCATGCACATCTTACAGATACA
GAGATCATGACTTTGGTAGATGAGACTAACATGTATGAAGGTGTAGGAAGAATGTTTATT
CTTCAGTCCAAGGAAGCAATTCACAGTCAGCTGTTAGAGAAGCAGAAAATAGCAGAAGAA
AAAATTAAGAACTAGAACAGAAAAAGTCTACCTGGAGCGAAGCGTTAAGGAAGCTGAG
GACAACATCCGGGAGATGCTGATGGCACGAAGGGCCAGTAGGGAGCCTCTCTGGGAAGC
TCTTCTCTGCCCTCCATTCTGGTGGGGCAGAGGAGTGTCTGCAGGAAACAGCT
TCTCTCTGCCCGATGGATGCTTTATTTGGATGGCTGGCAACATCACATTTTCTGCAT
CACCTGAGCCCCATTTGCTTCCAGCCCTGGAGTTTTTACCCGGCTTTGCCTGCCACCT
CTGCCAGGACACGCTTCCCTCTCGGGATGTGTATGAACTCCCAGGAGAGGGAAGATGG
GAGCCAGGGCAAGATAGGAAGCTCTGCCTGAGCTTCCACTAGGCACGCCAGCCAGACCA
ATAAAAAGCGTCTGTCCCACTCTGCTAAGCCTGGTTTTCTTGAGCAGAGGGATGGAACAG
AGGGTGAGAGAGGCAGTGGCCGTCTCCACCTCAGCTCCTGCTCCCTCTGCATCAGAGCCC
TTCCTTTCTTGGGGATGGGCCTTGCCCTTCTCTTTTCCCTTCTGTACCTTTGACTA
ACGCTCAGCTTCCGGCCTGCATGCAGTAGACAGAAGAGGAAGAAAGAACAGATGTTAC
AGCTGAATCTCAGTGAACAGAATAGCAGTCCCTGGATGGCAGTCTGCCTAAAGATTCCT
TCCCTGCCTTCTCCATACATTCCAAAAGGAAGTTCAACAGTAAGCAGCACCTCCAAGAC
TGTCTCTTTCGGCCAGTATCATAGATGGACGCCATAATCCTGAGGCCTCCTAGAGGCT
GAGGGGGCAACGGTGTGATCCAGCTGGCTCATCCAGCCAGGTGGGCCAATTATTCAAT
TTTCAAGAATTTTGTGCAAGCCAGTTGTCAAACACAGCCATTATAATTATGTAATTTG
CAAATTATGTTAAAAACAAGGACAATAAATATTCAAAATGCATCCCTAATTACTAAAAAA
AAAAAAAAAAAAA

Restriction Sites: Please inquire



[View online »](#)

ACCN:	NM_002622
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:	<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_002622.4</u> , <u>NP_002613.2</u>
RefSeq Size:	1324 bp
RefSeq ORF:	369 bp
Locus ID:	5201
UniProt ID:	<u>O60925</u>
Cytogenetics:	5q31.3
Protein Families:	Transcription Factors
Gene Summary:	This gene encodes a member of the prefoldin beta subunit family. The encoded protein is one of six subunits of prefoldin, a molecular chaperone complex that binds and stabilizes newly synthesized polypeptides, thereby allowing them to fold correctly. The complex, consisting of two alpha and four beta subunits, forms a double beta barrel assembly with six protruding coiled-coils. [provided by RefSeq, Jul 2008]