

Product datasheet for **SC321686**

PFDN2 (NM_012394) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	PFDN2 (NM_012394) Human Untagged Clone
Tag:	Tag Free
Symbol:	PFDN2
Synonyms:	PFD2
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC (PS100020)
E. coli Selection:	Ampicillin (100 ug/mL)

Fully Sequenced ORF: >OriGene sequence for NM_012394.3
AACCCAGCAGGCGCGAAGATGGCGGAGAACAGCGGTCCGCGCCGCAAGAGCAGCGGGAG
CGGCGCGGGGAAGGGGGCGGTGTCCGAGAGCAGGTGATTGCTGGCTTCAACCGCCTTCG
GCAGGAACAGCGAGGCTGGCATCCAAAGCAGCTGAGTTGGAGATGGAGTTGAATGAGCA
CAGCCTAGTGATCGATACTGAAGGAGGTAGATGAAACTCGTAAGTGCTACCGCATGGT
TGGAGGAGTGCTGGTGGAGCGAACTGTCAAAGAGGTGCTGCCCGCTTGGAGAACAACAA
GGAGCAGATACAGAAGATCATTGAGACTGACACAGCAGCTTCAGGCAAAGGGAAAAGA
ACTAAATGAATTCGGGAAAAGCACAACTTCGTCTCATGGGAGAAGATGAGAAGCCAGC
AGCCAAGGAAAAGTCTGAGGGGCTGGGGCTAAGGCCAGCTCAGCTGGAGTGTGGTCTC
CTAGGGACCAAGGCCTTTCATTTTTTCTACCCTGACTCCCACTTCTAATTTCTCTTTA
TTGTTATTATTATTATTCTCTGCTATTGTAATTTTTTTGTTAATTAATGTTTTGG
TCAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA

Restriction Sites: Please inquire

ACCN: NM_012394

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.



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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_012394.3</u> , <u>NP_036526.2</u>
RefSeq Size:	668 bp
RefSeq ORF:	465 bp
Locus ID:	5202
UniProt ID:	<u>Q9UHV9</u>
Cytogenetics:	1q23.3
Domains:	KE2
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]