OriGene Technologies, Inc.
9620 Medical Center Drive, Ste 200
Rockville, MD 20850, US
Phone: +1-888-267-4436
https://www.origene.com
techsupport@origene.com
EU: info-de@origene.com
CN: techsupport@origene.cn

Product datasheet for RN204634

Pfdn2 (NM_001109476) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Pfdn2 (NM_001109476) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Pfdn2
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>RN204634 representing NM_001109476 Red=Cloning site Blue=ORF Orange=Stop codon TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC GCCGCGATCGCC ATGGCGGACAGCAGCGGTCGTGTGGGCAAGAGCGGCGGGAGTGGCACGGGGAAGGGGGCGGTGTCGGCGG AACAGGTAATTGCTGGCTTTAATCGCCTTCGGCAGGAACAGAGGGGCTTGGCCTCCAAAGCAGCTGAGCT GGAGATGGAACTGAATGAGCATAGCCTGGTGATCGATACGCTGAAGGAAGTGGATGAGACCCGCAAGTGC TACCGCATGGTTGGCGGTGTGCTGGTAGAGCGGACGGTCAAGGAGGTGCTGCCTGCCTTGGAGGGTAACA AGGAGCAGATACAAAAGATCATTGAGACACTGTCACAGCAGCTTCAGGCAAAGGGAAAAGAACTCAATGA ATTCCGGGAAAAGCACAACATTCGTCTTATGGGAGAAGATGAGAAGCCAGCAGCCAAGGAAAACTCAGAA GGAGCTGGGGCTAAGTCCAGCTCAGCAGGGGTGCTGGTCTCTTAG ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT ACAAGGATGACGACGATAAGGTTTAA
Restriction Sites:	SgfI-MluI
ACCN:	NM_001109476
Insert Size:	465 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).

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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:	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_001109476.1, NP_001102946.1
RefSeq Size:	868 bp
RefSeq ORF:	465 bp
Locus ID:	685607
UniProt ID:	B0BN18
Cytogenetics:	13q24
Gene Summary:	Binds specifically to cytosolic chaperonin (c-CPN) and transfers target proteins to it. Binds to nascent polypeptide chain and promotes folding in an environment in which there are many competing pathways for nonnative proteins (By similarity).[UniProtKB/Swiss-Prot Function]