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Product datasheet for MC207530

Pfdn5 (NM_027044) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Pfdn5 (NM_027044) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Pfdn5
Synonyms:	1190001O17Rik; 1700010A06Rik; D15Ertd697e; Eig1; MM-1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)

Fully Sequenced ORF:

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>MC207530 representing NM_027044
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGGCGCAGTCGATTAACATCACGGAGCTGAATCTGCCACAACTGGAAATGCTCAAGAACCAGCTGGACC
AGGAAGTGGAGTTTTTGTCCACGTCCATTGCTCAGCTCAAGGTGGTCCAGACCAAGTACGTGGAAGCCAA
GGACTGTCTGAACGTGCTGAACAAGAGCAACGAGGGAAAAGAATTACTGGTCCCACTGACGAGTTCTATG
TACGTCCCCGGGAAGCTACACGATGTGGAGCATGTGCTTATTGATGTGGGAACCGGCTACTACGTGGAGA
AGACAGCTGAGGACGCCAAGGACTTCTTCAAAAGGAAGATAGACTTCCTCACCAAACAGATGGAGAAAAT
CCAGCCAGCGCTGCAGGAGAAGCATGCCATGAAGCAGGCTGTCATGGAAATGATGAGCCAGAAGATTCAG
CAGCTCACAGCCCTGGGGGCAGCGCAGGCCACGGTCAAAGCCTGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA
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Restriction Sites:	SgfI-MluI
ACCN:	NM_027044
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_027044.3, NP_081320.2
RefSeq Size:	708 bp
RefSeq ORF:	465 bp
Locus ID:	56612
UniProt ID:	Q9WU28
Cytogenetics:	15 57.48 cM
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. Represses the transcriptional activity of MYC (By similarity).[UniProtKB/Swiss-Prot Function]

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