

## Product datasheet for MR201143

### Pfdn5 (NM\_027044) Mouse Tagged ORF Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Pfdn5 (NM\_027044) Mouse Tagged ORF Clone  
**Tag:** Myc-DDK  
**Symbol:** Pfdn5  
**Synonyms:** 1190001O17Rik; 1700010A06Rik; D15Ert697e; Eig1; MM-1  
**Mammalian Cell Selection:** Neomycin  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**ORF Nucleotide Sequence:** >MR201143 ORF sequence  
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGGCGCAGTCGATTAACATCACGGAGCTGAATCTGCCACAACGGAAATGCTCAAGAACCAGCTGGACC  
AGGAAGTGGAGTTTTTGTCCACGTCCATTGCTCAGCTCAAGGTGGTCCAGACCAAGTACGTGGAAGCCAA  
GGACTGTCTGAACGTGCTGAACAAGAGCAACGAGGGAAAAGAATTACTGGTCCACTGACGAGTTCTATG  
TACGTCCCGGGAAGCTACACGATGTGGAGCATGTGCTTATTGATGTGGAAACCGGCTACTACGTGGAGA  
AGACAGCTGAGGACGCCAAGGACTTCTCAAAGGAAGATAGACTTCTCACAAACAGATGGAGAAAAT  
CCAGCCAGCGCTGCAGGAGAAGCATGCCATGAAGCAGGCTGTGATGGAATGATGAGCCAGAAGATTGAG  
CAGCTCACAGCCCTGGGGCAGCCAGGCCACGGTCAAAGCC

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:** >MR201143 protein sequence  
Red=Cloning site Green=Tags(s)  
MAQSINITELNLPQLEMLKNQLDQVEVEFLSTSIQLKVVQTKYVEAKDCLNVLNKSNEGKELLVPLTSSM  
YVPGKLHDVEHVLIDVGTGYVVEKTAEDAADKDFFRKIDFLTKQMEKIQPALQEKHAMKQAVMEMMSQKIQ  
QLTALGAAQATVKA

**TRTRPLEQKLISEEDLAANDILDYKDDDDKV**

**Restriction Sites:** SgfI-MluI



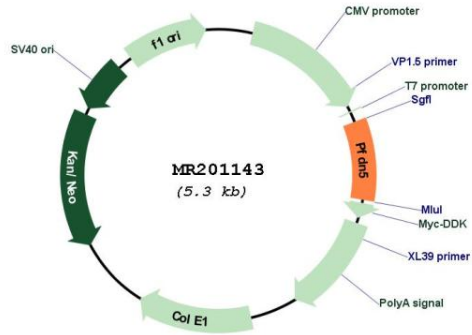


**Cytogenetics:** 15 57.48 cM

**MW:** 17.4 kDa

**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]

**Product images:**



Circular map for MR201143