

## Product datasheet for MC215533

### Fancf (NM\_001115087) Mouse Untagged Clone

#### Product data:

Product Type: Expression Plasmids  
 Product Name: Fancf (NM\_001115087) Mouse Untagged Clone  
 Tag: Tag Free  
 Symbol: Fancf  
 Synonyms: A730016A17  
 Vector: pCMV6-Entry (PS100001)  
 E. coli Selection: Kanamycin (25 ug/mL)  
 Cell Selection: Neomycin  
 Fully Sequenced ORF: >MC215533 representing NM\_001115087  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGATCGCC**

ATGGAGCCGTTGTGCAGCAAACCGAGCGATTCTCCGAGCTGTTGGCCGTGTCGTGTGGGTCGTTGGTGA  
 GCACGTGGGACGCCGAAAAGGTGCGCAGGGCGCTGCAGTGGGCGGTTATCTGCTCCACGTGTACCGACG  
 CTTTCGGGGCCGCGGCCGCTGCGGGAGGCGCTCGAGAGGCGGCTCCCGCGCGGGAGGGCCGCTCGGG  
 CTGCGCAGCTTCGCGGCGCTGGAGTCCGGGACGCGCGGCTCGCCCTCCGCTGCTGCGGAACCGCGCGC  
 TCGCGCCCGCGCCGCCCGCGCGCTGCCGAGCTTGTGTTCCCGGGCCCCGCGCGGACACCGAGACGA  
 CGTGCCCGAGTCGCGCCTGGTCCTCCTGGCGCGCCGGAAGCGCGCTGCGCCTGCTGTGCCCTCGGC  
 GGGGACGCGCCCAGGAGCGCGCTGCTGCGCACGCACGCGGAGCTGCTGGACGCGCGCCTGCACGAGCTGG  
 GCGGGCCGACTCCGCGGCCGCGCGAAACTCCTGGACACGTTGTGGACGCGCGGGCCGCGGGAGCACGT  
 GCTCGACGTGACTGCCGAAGCGCTGCTGCTACGCGAGGAAGACCCGAGCCAGCCAGGCCACGGACCT  
 GCGGGTGCAGATGAGACACAGAACTACTGCGCTGGCTTCTCGAAAGTCCCGAGGTATTGGCCGCTTTTT  
 GCCGCCATCTGCCAGCCAAGCGCCTGGCTCCGTGGCGGGCTGCCACCACGCACTGTCTCGCGCCTACCT  
 GGACCTGCTCACAACGTGGGCCACGCGGCTGCACTATGATCTGCAAAGGGTGCCTGGGTCCCTACACAG  
 ATGGAGGACATGCCCTGGGAAGAGCTGTGCCTAAGGCTGCAGAGCTTGTGCCATGCCAGCCATTCTGCG  
 AGGAAGAGGTGCTGGTGACCCTAAGTCCCGCAAAGCCTTGGATGGAGATTTTCGAGGTTCTGGGATGAG  
 CATCTGGACAGACCTCCTGGTGGTCTTGTGAGTGTGGGATCGTGCTAGAGTAG

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI  
 ACCN: NM\_001115087



<b>Insert Size:</b>	1032 bp
<b>OTI Disclaimer:</b>	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).
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<u><a href="#">NM_001115087.1</a></u> , <u><a href="#">NP_001108559.1</a></u>
<b>RefSeq Size:</b>	1691 bp
<b>RefSeq ORF:</b>	1032 bp
<b>Locus ID:</b>	100040608
<b>UniProt ID:</b>	<u><a href="#">E9Q5Z5</a></u>
<b>Cytogenetics:</b>	7 B4
<b>Gene Summary:</b>	DNA repair protein that may operate in a postreplication repair or a cell cycle checkpoint function. May be implicated in interstrand DNA cross-link repair and in the maintenance of normal chromosome stability.[UniProtKB/Swiss-Prot Function]