

## Product datasheet for **RN208174**

### Fancc (NM\_012557) Rat Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Fancc (NM_012557) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Fancc
Synonyms:	Facc
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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**Fully Sequenced ORF:** >RN208174 representing NM\_012557  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**GCGATCGCC**

ATGGCTCAGGAGCTGCAGACCTTGCTTCTGACTATCAGTTTTGGCTGCAGAAGCTTTCTGCATGGGAAC  
 AGGCCTCTCCAAGGAGACCCAGCGGGACACTTGTCTTCACTTGTCCCGTTCCAAGAGTTCCTGAGGCA  
 GATGTATGAACCTTGAAGGAGATGGATTCTGATGCAATCCTGGAACGGTTCCTCAATTGGTCAACTG  
 TTGGCAAAAACCTGTTGGAATCCTCTCATCTTGGCATATGACGAAAGCCAAAAGATTGTAATATGGTGCT  
 TATGTTGTCTGATGAACAAAGCACCGGACTTCTGCAGAGTCAGGACGTAACCTCATGGATCCAGGGTTT  
 GTTGTCTCATGTACTTTCTGCATTCAGATTCGACATGAAAGAAGTTTGTCTTTTACCAAAAGTCTTGG  
 TATGAATCTATTGATTACTATCCTAGTTTGCTTAAAAATATGGTTTTGTCGTTAGTGTCTGAGCTCAG  
 GGAGTCATCTTAATGGACTGAACACTCAAAGTCGGATGGCTCCTGAGCGCATGATGCCCTGCACAAGT  
 CTGTGTCCCTCTGTTACTCTGCCTGATATTGAACCCCTGGTAGAGGCTCTCCTAACCTACCATGGACAT  
 GAGCCCCAAGAAGTCTGTCTGCTGAGTCTTTGAAGCTGTAACCTGAGGCCTTCTTATCGGAAAAAATTG  
 TCTGCCACAGTCTCTGTGGTCAAGCTCTGGTTTCGGCATCTCCCAGCCTTGA AAAAGCAACGCTGCA  
 TCTTTTGA AAAGCTGTTCTCCAGCAAGAGAAATTGCCTGAGAAGGATGGAGTGTGATAAAAAGAGTCA  
 TTA CTGCCTCAAGCAGCTGCCAACCTGCCATCTTAGAATTGTTGATGAAATGTTCAAGTTTGTGCTAC  
 TGGAAACTGATGGGGCCCCAGCAGTGTAGCTGCTTTCAGATTTTACATCCTGCTTGGTAGAAGCTCT  
 GAGGAAAGAAAACAAGCAGCTGAAGTTTGCCCTCAAGACCTACTTCCCTACAGTGTCCGTGCTTACT  
 GCAGCGCTGTCCCAGCAGCTGAAGCTATCCCACAGGGACATCGGCTCCAGCCTCTGCTGCACATTTCCC  
 AACTCCTCAGAGAAGCAGTTGAAGACTGTACTGATGGGTCTCATCGAAATCCCTTTGAGAGCTGGTTTTT  
 GTTTGTTCACTTTGGAGGATGGGTTGATCTGGCTGTGGAGGAGTTGCTGCTCAGGGAGGAAGCTGAGCCT  
 CCTGCAGGCTTCTGTGGCTCTTGGTCTTCTATTACAGCCACAGGACAGGAGTCAAGCAGAGAGAGCAGA  
 GCATGGTGGAGTTGAAGGTATTAGTCAACCGTCTCCTGAAGCTGCTCAGAAGTGGCCCCCTCTCAGCTAT  
 GGACCTGCTGGAAGCAGCTGAGAGCCCCAGGGAAGACCCAGACCTGTATGTGGACAGCTGGTCAGACGC  
 CTTCTTCTAGTCTTGTCTGGACCCAGAAGGCCATGCGATTGTCTGGGAAGCTGTACCCCATATGG  
 CCCACACAGATGCTGTAACCCACGAGATTGTTGGCTTTCTTGACCAGACCTGTACAGATCATCATCT  
 TTGTGTTGAAGCCTCAAGAAAACGGCTAGAGAGCTCCTAAAGGAGCTGCAAGCTCAGGCT**TAG**

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI

**ACCN:** NM\_012557

**Insert Size:** 1674 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).

**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).

<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_012557.2</a></u> , <u><a href="#">NP_036689.2</a></u>
<b>RefSeq Size:</b>	2483 bp
<b>RefSeq ORF:</b>	1674 bp
<b>Locus ID:</b>	24361
<b>Cytogenetics:</b>	17p14
<b>Gene Summary:</b>	human homolog is a component of the Fanconi anemia core protein complex, which may play a role in DNA repair [RGD, Feb 2006]