

## Product datasheet for SC332027

### FANCC (NM\_001243743) Human Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** FANCC (NM\_001243743) Human Untagged Clone  
**Tag:** Tag Free  
**Symbol:** FANCC  
**Synonyms:** FA3; FAC; FACC  
**Vector:** pCMV6-Entry (PS100001)  
**Fully Sequenced ORF:** >SC332027 representing NM\_001243743.  
 Blue=Insert sequence Red=Cloning site Green=Tag(s)

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ATGGCTCAAGATTCAGTAGATCTTTCTTGTGATTATCAGTTTTGGATGCAGAAGCTTTCTGTATGGGAT
CAGGCTCCACTTTGGAAACCCAGCAAGACACCTGTCTTCACGTGGCTCAGTTCAGGAGTTCCTAAGG
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CAACAGCTGATCAGGCACCTTCTCCTCACTTCTGCTCTGGGCTCCTGGAGGCCACACGATCGCCTGG
GATGTCATCACCTGATGGCTCACACTGCTGAGATAACTCACGAGATCATTGGCTTTCTTGACCAGACC
TTGTACAGATGGAATCGTCTTGGCATTGAAAGCCCTAGATCAGAAAAACTGGCCCCGAGAGCTCCTAAA
GAGCTGCGAAGTCAAGCTAG
  
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**Restriction Sites:** Sgfl-Mlul  
**ACCN:** NM\_001243743



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<b>Insert Size:</b>	1677 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_001243743.1</a></u>
<b>RefSeq Size:</b>	4554 bp
<b>RefSeq ORF:</b>	1677 bp
<b>Locus ID:</b>	2176
<b>UniProt ID:</b>	<u><a href="#">Q00597</a></u>
<b>Cytogenetics:</b>	9q22.32
<b>Protein Families:</b>	Druggable Genome
<b>MW:</b>	63.4 kDa
<b>Gene Summary:</b>	<p>The Fanconi anemia complementation group (FANC) currently includes FANCA, FANCB, FANCC, FANCD1 (also called BRCA2), FANCD2, FANCE, FANCF, FANCG, FANCI, FANCJ (also called BRIP1), FANCL, FANCM and FANCN (also called PALB2). The previously defined group FANCH is the same as FANCA. Fanconi anemia is a genetically heterogeneous recessive disorder characterized by cytogenetic instability, hypersensitivity to DNA crosslinking agents, increased chromosomal breakage, and defective DNA repair. The members of the Fanconi anemia complementation group do not share sequence similarity; they are related by their assembly into a common nuclear protein complex. This gene encodes the protein for complementation group C. [provided by RefSeq, Jul 2008]</p> <p>Transcript Variant: This variant (2) differs in the 5' UTR compared to variant 1. Both variants 1 and 2 encode the same isoform (a).</p>