

Product datasheet for **SC120069**

FANCC (NM_000136) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	FANCC (NM_000136) Human Untagged Clone
Tag:	Tag Free
Symbol:	FANCC
Synonyms:	FA3; FAC; FACC
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)



[View online »](#)

Fully Sequenced ORF: >OriGene ORF within SC120069 sequence for NM_000136 edited (data generated by NextGen Sequencing)

```

ATGGCTCAAGATTCAGTAGATCTTTCTTGTGATTATCAGTTTTGGATGCAGAAGCTTTCT
GTATGGGATCAGGCTTCCACTTTGGAAACCCAGCAAGACACCTGTCTTACGTGGCTCAG
TTCCAGGAGTTCCTAAGGAAGATGTATGAAGCCTTGAAGAGATGGATTCTAATACAGTC
ATTGAAAGATCCCCACAATTGGTCAACTGTTGGCAAAAGCTTGTGGAATCCTTTTATT
TTAGCATATGATGAAAGCCAAAAAATTCTAATATGGTGCTTATGTTGTCTAATTAACAAA
GAACCACAGAATTCTGGACAATCAAACTTAACTCCTGGATACAGGGTGTATTATCTCAT
ATACTTTCAGCACTCAGATTTGATAAAGAAGTTGCTCTTTTCACTCAAGGTCTTGGGTAT
GCACCTATAGATTACTATCCTGGTTTGCTTAAAAATATGGTTTTATCATTAGCGTCTGAA
CTCAGAGAGAATCATCTTAATGGATTTAACTCAAAAGCGAATGGCTCCCGAGCGAGTG
GCGTCCCTGTCACGAGTTTGTGCCACTTATTACCCTGACAGATGTTGACCCCCGGTG
GAGGCTCCTCATCTGTATGGACGTGAACCTCAGGAAATCCTCCAGCCAGAGTTCTTT
GAGGCTGTAACGAGGCCATTTTGTGAAGAAGATTTCTCTCCCATGTCAGCTGTAGTC
TGCTCTGGCTTGGCACCTTCCAGCCTTGA AAAAGCAATGCTGCATCTTTTGA AAAAG
CTAATCTCCAGTGAGAGAAATTGTCTGAGAAGGATCGAATGCTTTATAAAAAGATTTCATCG
CTGCCTCAAGCAGCCTGCCACCCTGCCATATCCGGGTTGTTGATGAGATGTTACAGGTGT
GCACTCCTGGAACCGATGGGGCCCTGGAATCATAGCCACTATTCAGGTGTTTACGCAG
TGCTTTGTAGAAGCTCTGGAGAAAGCAAGCAAGCAGCTGCGGTTTGCCTCAAGACCTAC
TTTCTTACACTTCTCCATCTCTTGCCATGGTGTCTGCAAGACCCTCAAGATATCCCT
CGGGGACACTGGTCCAGACACTGAAGCATATTTCTGAACTGCTCAGAGAAGCAGTTGAA
GACCAGACTCATGGTCTGCGGAGTCCCTTTGAGAGCTGGTTCTTCTTCACTTCACTTC
GGAGGATGGGCTGAGATGGTGGCAGAGCAATTACTGATGTCGGCAGCCGAACCCCCACG
GCCCTGCTGTGGCTCTTGGCCTTCTACTACGGCCCGCTGATGGGAGGCAGCAGAGAGCA
CAGACTATGGTCCAGGTGAAGGCCGTGCTGGGCCACCTCCTGGCAATGTCCAGAAGCAGC
AGCCTCTCAGCCAGGACCTGCAGACGGTAGCAGGACAGGGCACAGACACAGACCTCAGA
GCTCCTGCACAACAGCTGATCAGGCACCTTCTCCTCAACTTCTGCTCTGGGCTCCTGGA
GGCCACACGATCGCTGGGATGTCATCACCTGATGGCTCACACTGCTGAGATAACTCAC
GAGATCATTGGCTTTCTGACCAGACCTTGTACAGATGGAATCGTCTTGGCATTGAAAGC
CCTAGATCAGAAAACTGGCCCGAGAGCTCCTTAAAGAGCTGCGAACTCAAGTCTAG
    
```

Clone variation with respect to NM_000136.2

5' Read Nucleotide Sequence:

```

>OriGene 5' read for NM_000136 unedited
TTCCTTCAAGTCTGGAAGGCTGCTGTGAAGGAATCACCTTTTCGTTTTTCCAAGATGGC
TCAAGATTCAGTAGAACTTTCTTGTGATTATCAGTTTTGGATGCAGAAGCTTTCTGTATT
GGGATCAGGCTTCCACTTTGGAAACCCAGCAAGACACCTGTCTTACGTGGCTCAGTTCC
AGGAGTTCTTAAGGAAGATGTATGAAGCCTTGAAGAGATGGATTCTAATACAGTCATTG
AAAGATTCCTCCACAATTGGTCAACTGTTGGCAAAAGCTTGTGGAATCCTTTTATTTTAG
CATATGATGAAAGCCAAAAAATTCTAATATGGTGCTTATGTTGTCTAATTAACAAAGAAC
CACAGAATTCTGGACAATCAAACTTAACTCCTGGATACAGGGTGTATTATCTCATATAC
TTTCAGCACTCAGATTTGATAAAGAAGTTGCTCTTTTCACTCAAGGTCTTGGGTATGCAC
CTATAGATTACTATCCTGGTTTGCTTAAAAATATGGTTTTATCATTAGCGTCTGAACTCA
GAGAGAATCATCTTAATGGATTTAACTCAAAAGCGAATGGCTCCCGAGCGAGTGGCGT
CCCTGTCACGAGTTTGTGCCACTTATTACCCTGACAGATGTTGACCCCTGGTGGAGG
CTCTCCTCATCTGTATGGACGTGAACCTCANGAAATCCTCCAGCCAGAGTTCTTTGAGG
CTGTAACGAGGCCATTTTGTGAAGAAATTTCTCTCCCATGTCAGCTGTAGTCTGCCT
CTGGCTTCCGACCTTCCAGCCTTGA AAAAGCATGCTGCATCTTTTGAAGCTAATCT
CCAGTGAGAGAAATTGTCTGAGT
    
```


Gene Summary:

The Fanconi anemia complementation group (FANC) currently includes FANCA, FANCB, FANCC, FANCD1 (also called BRCA2), FANCD2, FANCE, FANCF, FANCG, FANCI, FANCI (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]

Transcript Variant: This variant (1) represents the longest transcript and encodes the longer isoform (a).