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Product datasheet for SC330168

FANCC (NM_001243744) Human Untagged Clone

Product data:

Product Type: Expression Plasmids

Product Name: FANCC (NM_001243744) Human Untagged Clone

Tag: Tag Free

Symbol: FANCC

Synonyms: FA3; FAC; FACC

Vector: pCMV6-Entry (PS100001)

Fully Sequenced ORF:

>SC330168 representing NM_001243744.
Blue=Insert sequence Red=Cloning site Green=Tag(s)

ATGGCTCAAGATTCAGTAGATCTTTCTTGTGATTATCAGTTTTGGATGCAGAAGCTTTCTGTATGGGAT
CAGGCTTCCACTTTGGAAACCCAGCAAGACACCTGTCTTCACGTGGCTCAGTTCCAGGAGTTCCTAAGG
AAGATGTATGAAGCCTTGAAAGAGATGGATTCTAATACAGTCATTGAAAGATTCCCCACAATTGGTCAA
CTGTTGGCAAAAGCTTGTTGGAATCCTTTTATTTTAGCATATGATGAAAGCCAAAAAATTCTAATATGG
TGCTTATGTTGTCTAATTAACAAAGAACCACAGAATTCTGGACAATCAAAACTTAACTCCTGGATACAG
GGTGTATTATCTCATATACTTTCAGCACTCAGATTTGATAAAGAAGTTGCTCTTTTCACTCAAGGTCTT
GGGTATGCACCTATAGATTACTATCCTGGTTTGCTTAAAAATATGGTTTTATCATTAGCGTCTGAACTC
AGAGAGAATCATCTTAATGGATTTAACACTCAAAGGCGAATGGCTCCCGAGCGAGTGGCGTCCCTGTCA
CGAGTTTGTGTCCCACTTATTACCCTGACAGATGTTGACCCCCTGGTGGAGGCTCTCCTCATCTGTCAT
GGACGTGAACCTCAGGAAATCCTCCAGCCAGAGTTCTTTGAGGCTGTAAACGAGGCCATTTTGCTGAAG
AAGATTTCTCTCCCCATGTCAGCTGTAGTCTGCCTCTGGCTTCGGCACCTTCCCAGCCTTGAAAAAGCA
ATGCTGCATCTTTTTGAAAAGCTAATCTCCAGTGAGAGAAATTGTCTGAGAAGGATCGAATGCTTTATA
AAAGATTCATCGCTGCCTCAAGCAGCCTGCCACCCTGCCATATTCCGGGTTGTTGATGAGATGTTCAGG
TGTGCACTCCTGGAAACCGATGGGGCCCTGGAAATCATAGCCACTATTCAGGTGTTTACGCAGTGCTTT
GTAGAAGCTCTGGAGAAAGCAAGCAAGCAGCTGCGGTTTGCACTCAAGACCTACTTTCCTTACACTTCT
CCATCTCTTGCCATGGTGCTGCTGCAAGACCCTCAAGATATCCCTCGGGGACACTGGCTCCAGACACTG
AAGCATATTTCTGAACTGCTCAGAGAAGCAGTTGAAGACCAGACTCATGGGTCCTGCGGAGGTCCCTTT
GAGAGCTGGTTCCTGTTCATTCACTTCGGAGGATGGGCTGAGATGGTGGCAGAGCAATTACTGATGTCG
GCAGCCGAACCCCCCACGGCCCTGCTGTGGCTCTTGGCCTTCTACTACGGCCCCCGTGATGGGAGGCAG
CAGAGAGCACAGACTATGATGGCATATGTCATGGCAACCTGCAGGCATGGTGATCTCCAGCCTTGTGGT
CAGAGGCGTTCTCCTGTCCCCACCGAGGTGGCCAGAGACGAGACGCTGCCAGCCCATTCTCCTGCAAAA
CGAAGACCCTTCTTCCCCAAGGTCATTTGA

Restriction Sites: SgfI-MluI

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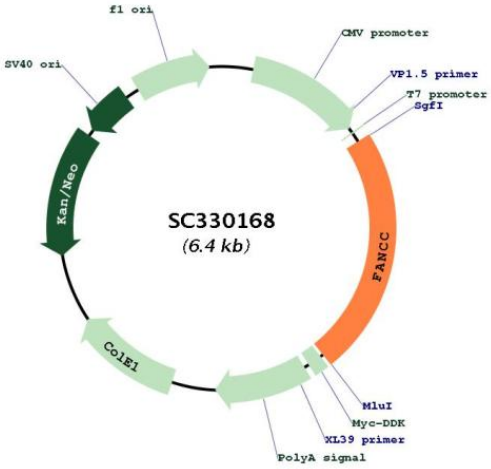
Plasmid Map:



ACCN:	NM_001243744
Insert Size:	1479 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).
Reconstitution Method:	1. Centrifuge at 5,000xg for 5min. 2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA. 3. Close the tube and incubate for 10 minutes at room temperature. 4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom. 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.
RefSeq:	NM_001243744.1
RefSeq Size:	2721 bp
RefSeq ORF:	1479 bp
Locus ID:	2176
Cytogenetics:	9q22.32

Protein Families:	Druggable Genome
MW:	56.1 kDa
Gene Summary:	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] Transcript Variant: This variant (3) differs in the 3' coding region and 3' UTR, compared to variant 1. The resulting isoform (b) has a distinct C-terminus and is shorter than isoform a. Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.