

FANCC Blocking Peptide (C-term)

Synthetic peptide

Catalog # BP19941b

Specification**FANCC Blocking Peptide (C-term) - Product Information**

Primary Accession [Q00597](#)
Other Accession [NP_000127.2](#)

FANCC Blocking Peptide (C-term) - Additional Information**Gene ID** 2176**Other Names**Fanconi anemia group C protein, Protein
FACC, FANCC, FAC, FACC**Target/Specificity**The synthetic peptide sequence is selected
from aa 538-552 of HUMAN FANCC**Format**Peptides are lyophilized in a solid powder
format. Peptides can be reconstituted in
solution using the appropriate buffer as
needed.**Storage**Maintain refrigerated at 2-8°C for up to 6
months. For long term storage store at
-20°C.**Precautions**This product is for research use only. Not
for use in diagnostic or therapeutic
procedures.**FANCC Blocking Peptide (C-term) - Protein Information****Name** FANCC**Synonyms** FAC, FACC**Function**DNA repair protein that may operate in a
postreplication repair or a cell cycle
checkpoint function. May be implicated in**FANCC Blocking Peptide (C-term) - Background**

The Fanconi anemia complementation group (FANCC) 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.

FANCC Blocking Peptide (C-term) - References

Hartmann, L., et al. Am. J. Hum. Genet. 87(4):480-493(2010)
Bailey, S.D., et al. Diabetes Care 33(10):2250-2253(2010)
Pace, P., et al. Science 329(5988):219-223(2010)
Monsees, G.M., et al. Breast Cancer Res. Treat. (2010) In press :
Palagyi, A., et al. Mol. Cancer 9, 127 (2010) :

interstrand DNA cross-link repair and in the maintenance of normal chromosome stability. Upon IFNG induction, may facilitate STAT1 activation by recruiting STAT1 to IFNGR1.

Cellular Location

Nucleus. Cytoplasm. Note=The major form is nuclear. The minor form is cytoplasmic

Tissue Location

Ubiquitous.

**FANCC Blocking Peptide (C-term) -
Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Blocking Peptides](#)