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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 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.

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FANCC Blocking Peptide (C-term) - Protocols

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

- Blocking Peptides

FANCC Blocking Peptide (C-term) - Images

FANCC Blocking Peptide (C-term) - Background

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.

FANCC Blocking Peptide (C-term) - References

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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) :