

Recombinant Full Length Human FANCC Protein, GST-tagged

Cat. No. FANCC-4664HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human FANCC full-length ORF (NP_000127.2, 1 a.a. - 558 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	558 amino acids
Description	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]
Molecular Mass	89.8 kDa
AA Sequence	MAQDSVDLSCDYQFWMQKLSVWDQASTLETQQDTCLHVAQFQEFRLKMYEALKE MDSNTVIERFPTIGQLLAKACWNPFILAYDESKILIWCLCCLINKEPQNSGQSKLNS WIQGVLSHILSALRFDKEVALFTQGLGYAPIDYYPGLLKNMVLSLASELRENHLNGFN

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

TQRRMAPERVASLSRVCVPLITLTDVDPLVEALLICHGREPQEILQPEFFEAVNEAILL
 KKISLPMSAVVCLWLRHLP SLEKAMLHLFEKLISSENRNCLRRIECFIKDSSLPQAACHP
 AIFRVVDEMFRCALLET DGALEIIATIQVFTQCFVEALEKASKQLRFALKTYFPYTSPS
 LAMVLLQDPQDIPRGHWLQTLKHISELLREAVEDQTHGSCGGPFESWFLFIHFGGW
 AEMVAEQLLMSAAEPPTALLWLLAFYYGPRDGRQQRAQTMVQVKAVLGHLLAMSR
 SSSLSAQDLQTVAGQGTD TDLRAPAQQLIRHLLLNFLWAPGGHTIAWDVITLMAHT
 AEITHEIIGFLDQTLYRWNRLGIESPRSEKLARELLKELRTQV

Applications

Enzyme-linked Immunoabsorbent Assay
 Western Blot (Recombinant protein)
 Antibody Production
 Protein Array

Notes

Best use within three months from the date of receipt of this protein.

Storage

Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

Storage Buffer

50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name

FANCC Fanconi anemia, complementation group C [Homo sapiens]

Official Symbol

FANCC

Synonyms

FANCC; Fanconi anemia, complementation group C; FACC; Fanconi anemia group C protein; FA3; FAC; FLJ14675;

Gene ID

2176

mRNA Refseq

NM_000136

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Protein Refseq	NP_000127
MIM	613899
UniProt ID	Q00597

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