

Recombinant Human FANCC, GST-tagged

Cat. No. FANCC-12737H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human FANCC protein, fused to GST-tag, was expressed in E.coli and purified by GSH-sepharose.
Species	Human
Source	E.coli
ProteinLength	206-558a.a.
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.
Storage	The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.
Storage Buffer	1M PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH8.) added with 100mM GSH and 1% Triton X-100, 15% glycerol.

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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
Protein Refseq	NP_000127
MIM	613899
UniProt ID	Q00597
Chromosome Location	9q22.3
Pathway	BARD1 signaling events, organism-specific biosystem; DNA Repair, organism-specific biosystem; FA core complex, organism-specific biosystem; Fanconi Anemia pathway, organism-specific biosystem; Fanconi anemia pathway, organism-specific biosystem; Fanconi anemia pathway, conserved biosystem;
Function	protein binding;

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