



# Recombinant Human Fanconi anemia group C protein (FANCC)

<b>Product Code</b>	CSB-YP008415HU
<b>Storage</b>	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
<b>Uniprot No.</b>	Q00597
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Homo sapiens (Human)
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	<p>MAQDSVDLSC DYQFWMQKLS VWDQASTLET QQDTCLHVAQ            FQEF LRKMYE ALKEMDSNTV IERFPTIGQL LAKACWNPFI LAYDESQKIL            IWCLCCLINK EPQNSGQSKL NSWIQGVLSH ILSALRFDKE VALFTQGLGY            APIDYYPGLL KNMVLSEASE LRENHLNGFN TQRRMAPERV ASLSRVCVPL            ITLTDVDPLV EALLICHGRE PQEILQPEFF EAVNEAILLK KISLPMSAVV            CLWLRHLPSL EKAMLHLFEK LISSERNCLR RIECFIKDSS LPQAACHPAI            FRVDEMFRFC ALLETDGALE IIATIQVFTQ CFVEALEKAS KQLRFALKTY            FPYTSPSLAM VLLQDPQDIP RGHWLQTLKH ISELLREAVE DQTHGSCGGP            FESWFLFIHF GGWAEMVAEQ LLMSAAEPPT ALLWLLAFYY GPRDGRQQRA            QTMVQVKAVL GHLLAMSRSS SLSAQLDQTV AGQGTDTDLR APAQQLIRHL            LLNFWLWAPG GHTIAWDVIT LMAHTAEITH EIIGFLDQTL YRWNRLGIES            PRSEKLAREL LKELRTQV</p>
<b>Source</b>	Yeast
<b>Target Names</b>	FANCC
<b>Protein Names</b>	Recommended name: Fanconi anemia group C protein Short name= Protein FACC
<b>Expression Region</b>	1-558
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	Tag type will be determined during the manufacturing process.
<b>Protein Length</b>	Full length protein
<b>Target Details</b>	<p>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.</p>



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**Reconstitution**

We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

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**Shelf Life**

The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.