



Recombinant Human Fanconi anemia group C protein (FANCC)

Product Code	CSB-MP008415HU
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	Q00597
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	>85% (SDS-PAGE)
Sequence	<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 SLSAQDLQTV AGQGTDTDLR APAQQLIRHL LLNFWLWAPG GHTIAWDVIT LMAHTAEITH EIIGFLDQTL YRWNRLGIES PRSEKLAREL LKELRTQV</p>
Source	Mammalian cell
Target Names	FANCC
Protein Names	Recommended name: Fanconi anemia group C protein Short name= Protein FACC
Expression Region	1-558
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	Full length protein
Target Details	<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>



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.

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.