

Recombinant Human FANCC Protein (1-558 aa), His-SUMO-tagged

Cat. No. FANCC-497H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human FANCC Protein (1-558 aa) is produced by E. coli expression system. This protein is fused with a 6xHis-SUMO tag at the N-terminal. Research Area: Epigenetics and Nuclear Signaling. Protein Description: Full Length.
Species	Human
Source	E.coli
ProteinLength	1-558 aa
Description	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.
Form	Tris-based buffer, 50% glycerol
Molecular Mass	79.4 kDa
AA Sequence	MAQDSVDLSCDYQFWMQKLSVWDQASTLETQQDTCLHVAQFQEFRLKMYEALKE MDSNTVIERFPTIGQLLAKACWNPFILAYDESKILIWCLCCLINKEPQNSGQSKLNS WIQGVLSHILSALRFDKEVALFTQGLGYAPIDYYPGLLKNMVLSLASELRENHLNGFN TQRRMAPERVASLSRVCVPLITLTDVDPLVEALLICHGREPQEILQPEFFEAVNEAILL KKISLPMSAVVCLWLRHLP SLEKAMLHLFEKLISSEARNCLRRIECFIKDSSLPQAACHP

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AIFRVVDEMFRCALLETGDALEIIATIQVFTQCFVEALEKASKQLRFALKTYFPYTSPS
 LAMVLLQDPQDIPRGHWLQTLKHISELLREAVEDQTHGSCGGPFESWFLFIHFGGW
 AEMVAEQLLMSAAEPPTALLWLLAFYYGPRDGRQQRAQTMVQVKAVLGHLLAMSR
 SSSLSAQDLQTVAGQGTDLDLRAPAQQLIRHLLLNFLWAPGGHTIAWDVITLMAHT
 AEITHEIIGFLDQTLYRWNRLGIESPRSEKLARELLKELRTQV

Purity > 90% as determined by SDS-PAGE.

Notes Repeated freezing and thawing is not recommended. Store working aliquots at 4 centigrade for up to one week.

Storage 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 centigrade/-80 centigrade. The shelf life of lyophilized form is 12 months at -20 centigrade/-80 centigrade.

Concentration A hardcopy of COA with concentration instruction is sent along with the products.

GENE INFORMATION

Gene Name FANCC Fanconi anemia, complementation group C [Homo sapiens]

Official Symbol FANCC

Synonyms FANCC; FACC; FA3; FAC; FLJ14675;

Gene ID 2176

mRNA Refseq NM_000136

Protein Refseq NP_000127

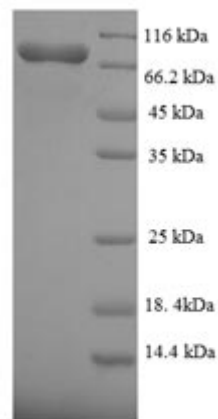
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MIM 613899

UniProt ID Q00597



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

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