

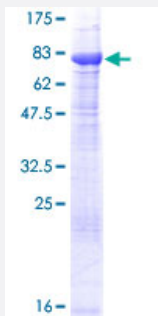
Full-Length

FANCC (Human) Recombinant Protein (P01)

Catalog # H00002176-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human FANCC full-length ORF (NP_000127.2, 1 a.a. - 558 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MAQDSVDLSCDYQFWMQKLSVWDQASTLETQQDTCLHVAQFQEFRLKMYEALKEMDSNTVIER
FPTIGQLLAKACWNPFIAYDESQKILWCLCCLINKEPQNSGQSKLNSWIQGVLSHLSALRFDKEV
ALFTQGLGYAPIDYYPGLLKNMVLSLASELRENHLNGFNTQRRMAPERVASLSRVCVPLITLTDVD
PLVEALLICHGREPQEILQPEFFEAVNEAILLKKISLPMSAVVCLWLRHLPSEKAMLHLFEKLISSE
RNCLRRIECFIKDSSLPQAACHPAIFRVVDEMFRCALLETGDALEIATIQVFTQCFVEALEKASKQL
RFALKTYFPYTSPSLAMVLLQDPQDIPRGHWLQTLKHISELLREAVEDQTHGSCGGPFESWFLFIH
FGGWAEMVAEQLLMSAAEPPTALLWLLAFYYGPRDGRQQRAQTMVQVKAVLGHLLAMSRSSSL
SAQDLQTVAGQGTDTLRAPAQQLIRHLLLNFLWAPGGHTIAWDVITLMAHTAEITHEIGFLDQTL
YRWNRLGIESPRSEKLARELLKELRTQV

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

89.8

Preparation Method

[in vitro wheat germ expression system](#)

Purification

Glutathione Sepharose 4 Fast Flow

Quality Control Testing

12.5% SDS-PAGE Stained with Coomassie Blue.

Storage Buffer

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

Storage Instruction

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

Note

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

Applications

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

Gene Info — FANCC

Entrez GeneID[2176](#)**GeneBank Accession#**[NM_000136.2](#)**Protein Accession#**[NP_000127.2](#)**Gene Name**

FANCC

Gene Alias

FA3, FAC, FACC, FLJ14675

Gene Description

Fanconi anemia, complementation group C

Omim ID[227645](#)**Gene Ontology**[Hyperlink](#)**Gene Summary**

The Fanconi anemia complementation group (FANC) currently includes FANCA, FANCB, FANCC, FANCD1 (also called BRCA2), FANCD2, FANCE, FANCF, FANCG, FANCI, FANCIJ (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]

Other Designations

OTTHUMP00000021706|OTTHUMP00000021707|pA80I15.1 (Fanconi anemia, complementation group C, protein)

Disease

- [Adenocarcinoma](#)
- [Bloom Syndrome](#)
- [Breast cancer](#)
- [Breast Neoplasms](#)
- [Carcinoma](#)
- [Cardiovascular Diseases](#)
- [Cystic fibrosis](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [Fanconi Anemia](#)
- [Gaucher disease](#)
- [Genetic Diseases](#)
- [Genetic Predisposition to Disease](#)
- [Neoplasms](#)
- [Ovarian cancer](#)
- [Ovarian Neoplasms](#)
- [Pancreatic cancer](#)
- [Pancreatic Neoplasms](#)
- [Tobacco Use Disorder](#)
- [Urinary Bladder Neoplasms](#)