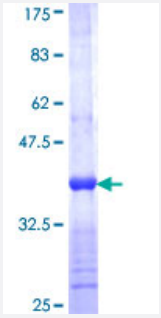
FANCC (Human) Recombinant Protein (Q01)

Catalog # H00002176-Q01 Size 25 ug, 10 ug

Applications



Specification

Product Description	Human FANCC partial ORF (NP_000127, 1 a.a. - 100 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	MAQDSVDLSCDYQFWMQKLSVWDQASTLETQQDTCLHVAQFQEFLRKMYEALKEMDSNTVIER FPTIGQLLAKACWNPFILAYDESQKILIWCLCCLINK
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	36.74
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
Protein Accession#	NP_000127
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, FANCJ (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|bA80I15.1 (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