

Recombinant Full Length Human FANCA Protein, GST-tagged

Cat. No. FANCA-4662HF Lot. No. (See product label)

SPECIFICATION

Product Overview	Human FANCA full-length ORF (AAH08979, 1 a.a. - 297 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	297 amino acids
Description	<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 A. Alternative splicing results in multiple transcript variants encoding different isoforms. Mutations in this gene are the most common cause of Fanconi anemia. [provided by RefSeq, Jul 2008]</p>
Molecular Mass	58.41 kDa
AA Sequence	MSDSWVPRSASGQDPGGRRRAWAELLAGRVKREKYNPERAQKLKESAVRLLLRSH

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

QDLNALLLEVEGPLCKKLSLSKVIDCDSSEAYANHSSFFIGSALQDQASRLGVPVGIL
 SAGMVASSVGQICTAPAETSHPVLLTVEQRKKLSSLLEFARYLLAHSMFSRLSFCQE
 LWKIQSSLLLEAVWHLHVQGIVSLQELLESHPDMAVGSWLFNRNLCCCLCEQMEASC
 QHADVARAMLSDFVQMFVLRGFQKNSDLRRTVEPEKMPQVAVDVLQRMLIFALDAL
 AAGVQEESSSTHKIVRC

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

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

Storage Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

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

GENE INFORMATION

Gene Name [FANCA Fanconi anemia, complementation group A \[Homo sapiens \]](#)

Official Symbol [FANCA](#)

Synonyms FANCA; Fanconi anemia, complementation group A; FACA, FANCH; Fanconi anemia group A protein; FA H; FAA; FAH; Fanconi anemia, type 1; Fanconi anemia, complementation group H; FA; FA1; FA-H; FACA; FANCH; MGC75158;

Gene ID [2175](#)

mRNA Refseq [NM_000135](#)

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA



Protein Refseq NP_000126

MIM 607139

UniProt ID O15360

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA