

Recombinant Full Length Human FANCI Protein, GST-tagged

Cat. No. FANCI-4844HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human FLJ10719 full-length ORF (AAH04277, 1 a.a. - 73 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	73 amino acids
Description	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 I. Alternative splicing results in two transcript variants encoding different isoforms. [provided by RefSeq]
Molecular Mass	33.77 kDa
AA Sequence	MFKDVPLTAEVEFVVEKALSMFSKMNLQEIPPLVYQLLVLSKGSRKSVLEGIIAFF SALDKQHNEEQSGDE

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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	FANCI Fanconi anemia, complementation group I [Homo sapiens]
Official Symbol	FANCI
Synonyms	FANCI; Fanconi anemia, complementation group I; KIAA1794; Fanconi anemia group I protein; FLJ10719;
Gene ID	55215
mRNA Refseq	NM_001113378
Protein Refseq	NP_001106849
MIM	611360
UniProt ID	Q9NVI1

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