Recombinant Human FANCI cell lysate

Cat. No. FANCI-627HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	
Species	Human
Description	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 I. Alternative splicing results in two transcript variants encoding different isoforms.
Size	100 ul
Storage Buffer	1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue)
Applications	Western Blot;

GENE INFORMATION

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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
Chromosome Location	15q26.1
Pathway	DNA Repair, organism-specific biosystem; Fanconi Anemia pathway, organism-specific biosystem; Fanconi anemia pathway, organism-specific biosystem; Fanconi anemia pathway, conserved biosystem; Regulation of the Fanconi anemia pathway, organism-specific biosystem;
Function	protein binding;

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