

Recombinant Full Length Human FANCL Protein, GST-tagged

Cat. No. FANCL-4668HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human FANCL full-length ORF (AAH54517, 1 a.a. - 375 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	375 amino acids
Description	The Fanconi anemia complementation group (FANC) currently includes FANCA, FANCB, FANCC, FANCD1 (also called BRCA2), FANCD2, FANCE, FANCF, FANCG, FANCI, FANCL (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 L. Alternative splicing results in two transcript variants encoding different isoforms. [provided by RefSeq, Jul 2008]
Molecular Mass	66.99 kDa
AA Sequence	MAVTEASLLRQCPLLLPQNRSKTVYEGFISAQGRDFHLRIVLPEDLQLKNARLLCSW QLRTILSGYHRIVQQRMQHSPDLMSFMMELKMLLEVALKNRQELYALPPPPQFYSSL

 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

IEEIGTLGWDKLVYADTCFSTIKLKAEDASGREHLITLKLKAKYPAESPDYFVDFPVPF
CASWTPQSSLSIYSQFLAAIESLKAFWDVMDEIDEKTWVLEPEKPPRSATARRIALG
NNVSINIEVDPRHPTMLPECFFLGADRVVKPLGIKLSRNIHLWDPENSVLQNLKDVLEI
DFPARAILEKSDFTMDCGICYAYQLDGTIPDQVCDNSQCGQPFHQICLYEWLRGLLT
SRQSFNVIFGECPYCSKPITLKMSGRKH

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

FANCL Fanconi anemia, complementation group L [Homo sapiens]

Official Symbol

FANCL

Synonyms

FANCL; Fanconi anemia, complementation group L; PHD finger protein 9 , PHF9; E3 ubiquitin-protein ligase FANCL; FAAP43; FLJ10335; Pog; PHD finger protein 9; fanconi anemia group L protein; fanconi anemia-associated polypeptide of 43 kDa; POG; PHF9;

Gene ID

55120

mRNA Refseq

NM_001114636

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Protein Refseq	NP_001108108
MIM	608111
UniProt ID	Q9NW38

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