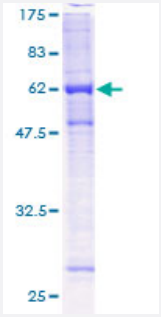
Full-Length

FANCL (Human) Recombinant Protein (P01)

Catalog # H00055120-P01 Size 25 ug, 10 ug

Applications



Specification

Product Description	Human FANCL full-length ORF (AAH54517, 1 a.a. - 375 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	MAVTEASLLRQCPLLLPQNRSKTVYEGFISAQGRDFHLRIVLPEDLQLKNARLLCSWQLRTILSGY HRIVQQRMQHSPDLMSFMMELKMLLEVALKNRQELYALPPPPQFYSSLIEEIGTLGWDKLVYADT CFSTIKLKAEDASGREHLITLKLKAKYPAESPDYFVDFPVPFCASWTPQSSLISIYSQFLAAIESLKA FWDVMDEIDEKTWVLEPEKPPRSATARRIALGNNVSINIEVDPRHPTMLPECFFLGADRVVKPLGI KLSRNIHLWDPENSVLQNLKDVLEIDFPARAILEKSDFTMDCGICYAYQLDGTIPDQVCDNSQCGQ PFHQICLYEWLRGLLTSRQSFNVIFGECPYCSKPITLKMSGRKH
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	66.99
Interspecies Antigen Sequence	Mouse (79); Rat (79)
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 — FANCL

Entrez GeneID	55120
GeneBank Accession#	BC054517
Protein Accession#	AAH54517
Gene Name	FANCL
Gene Alias	FAAP43, FLJ10335, PHF9, POG
Gene Description	Fanconi anemia, complementation group L
Omim ID	608111
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 L. Alternative splicing results in two transcript variants encoding different isoforms. [provided by RefSeq
Other Designations	PHD finger protein 9

Pathway

- Ubiquitin mediated proteolysis

Disease

- Adenocarcinoma
- Breast cancer
- Breast Neoplasms
- Fanconi Anemia
- Genetic Predisposition to Disease
- Kidney Failure
- Meningeal Neoplasms
- Meningioma
- Pancreatic Neoplasms
- Werner syndrome