



Recombinant Human E3 ubiquitin-protein ligase FANCL (FANCL)

Product Code	CSB-MP882120HU
Abbreviation	FANCL
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
Uniprot No.	Q9NW38
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	>85% (SDS-PAGE)
Sequence	AVTEASLLR QCPLLLPQNR SKTVYEGFIS AQGRDFHLRI VLPEDLQLKN ARLLCSWQLR TILSGYHRIV QQRMQHSPDL MSFMMELKML LEVALKNRQE LYALPPPPQF YSSLIEEIGT LGWDKLVYAD TCFSTIKLKA EDASGREHLI TLKCLKAKYPA ESPDYFVDFP VPFCASWTPQ SSLISIYSQF LAAIESLKAF WDVMDEIDEK TWVLEPEKPP RSATARRIAL GNNVSINIEV DPRHPTMLPE CFFLGADHVV KPLGIKLSRN IHLWDPENSV LQNLKDVLEI DFPARAILEK SDFTMDCGIC YAYQLDGTIP DQVCDNSQCG QPFHQICLYE WLRGLLTSRQ SFNIIFGECF YCSKPITLKM SGRKH
Source	Mammalian cell
Target Names	FANCL
Protein Names	Recommended name: E3 ubiquitin-protein ligase FANCL EC= 6.3.2.- Alternative name(s): Fanconi anemia group L protein Fanconi anemia-associated polypeptide of 43 kDa Short name= FAAP43
Expression Region	2-375
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	Full Length of Mature Protein
Target Details	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 L. Alternative splicing results in two transcript variants encoding different isoforms.

Reconstitution

We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

Shelf Life

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