

Datasheet for ABIN6699824
FANCL Protein (GST tag)



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Overview

Quantity:	20 µg
Target:	FANCL
Origin:	Human
Source:	Insect cells (Sf9)
Protein Type:	Recombinant
Purification tag / Conjugate:	This FANCL protein is labelled with GST tag.
Application:	Western Blotting (WB)

Product Details

Purpose:	FANCL recombinant protein-GST fusion protein
Purification:	Recombinant full-length human FANCL was expressed by baculovirus in Sf9 insect cells using an N-Terminal Glutathione-S-Transferase fusion protein. The purity was determined to be >75% by densitometry.
Purity:	>75%

Target Details

Target:	FANCL
Alternative Name:	FANCL (FANCL Products)
Background:	Synonyms: FAAP43, PHF9, POG, E3 ubiquitin-protein ligase FANCL, Fanconi anemia group L protein, Fanconi anemia-associated polypeptide of 43 kDa Background: FANCL or Fanconi anemia complementation group L is a member of the Fanconi

Target Details

anemia complementation group. Fanconi anemia is a genetically heterogeneous recessive disorder characterized by cytogenetic instability, hypersensitivity to DNA crosslinking agents, increased chromosomal breakage, and defective DNA repair. FANCL is crucial in the FA pathway as the catalytic subunit required for monoubiquitination of FANCD2 (1). UBE2W interacts with FANCL and regulates the monoubiquitination of Fanconi anemia protein FANCD2 (2). FANCL Protein is ideal for investigators involved in Signaling Proteins, Ubiquitin Proteins, Angiogenesis, Apoptosis/Autophagy, Cancer, Cell Cycle, Cellular Stress, Inflammation, Invasion/Metastasis, and Neurobiology research.

NCBI Accession: [NM_018062](#)

Pathways: [DNA Damage Repair](#)

Application Details

Application Notes: Western_Blot_Dilution: User Optimized
Application_Note: FANCL Protein is suitable for use in Western Blot. Expect a band approximately ~ 67 kDa on specific lysates or tissues. Specific conditions for reactivity should be optimized by the end user.

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 0.1 µg/µL

Buffer: FANCL Protein is stored in 50 mM Tris-HCl, pH 7.5, 50 mM NaCl, 10 mM glutathione, 0.1 mM EDTA, 0.25 mM DTT, 0.1 mM PMSF, 25 % glycerol.

Storage: -80 °C

Storage Comment: Store product at -70°C. For optimal storage, aliquot target into smaller quantities after centrifugation and store at recommended temperature. For most favorable performance, avoid repeated handling and multiple freeze/thaw cycles.

Expiry Date: 12 months