

Recombinant Full Length Human FANCF Protein, GST-tagged

Cat. No. FANCF-4666HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human FANCF full-length ORF (NP_073562.1, 1 a.a. - 374 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	374 amino acids
Description	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 F. [provided by RefSeq, Jul 2008]
Molecular Mass	68.7 kDa
AA Sequence	MESLLQHLDRLFSELLAVSSTTYVSTWDPATVRRALQWARYLRHIHRRFGRHGPIRT ALERRLHNQWRQEGGFGRGPVPLANFQALGHCDVLLSLRLLENRALGDAARYHL VQQLFPGPGVRDADEETLQESLARLARRRSVHMLRFNGYRENPNLQEDSLMKTQ

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AELLERLQEVGKAEAERPARFLSSLWERLPQNNFLKVIAVALLQPPLSRRPQEELE
 PGIHKSPGEGSQVLVHWLLGNSEVFAAFCRALPAGLLTLVTSRHPALSPVYLGLLTD
 WGQRLHYDLQKGIWVGTESQDVPWEELHNRFSQSLCQAPPPLKDKVLTALCTCKAQ
 DGDVEVPGLSIWTDLLLALRSGAFRKRQVLGLSAGLSSV

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 [FANCF Fanconi anemia, complementation group F \[Homo sapiens \]](#)

Official Symbol [FANCF](#)

Synonyms FANCF; Fanconi anemia, complementation group F; Fanconi anemia group F protein; FAF; MGC126856;

Gene ID [2188](#)

mRNA Refseq [NM_022725](#)

Protein Refseq [NP_073562](#)

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MIM	613897
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UniProt ID	Q9NPI8
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