

## Recombinant Human FANCA, His tagged

Cat. No. FANCA-6929H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human FANCA (AAH08979.1) (Met 1-Cys 297), fused with a polyhistidine tag at the N-terminus, was produced in Baculovirus-Insect cells.
<b>Species</b>	Human
<b>Source</b>	Insect Cells
<b>ProteinLength</b>	Met 1-Cys 297
<b>Form</b>	Lyophilized from sterile 50 mM Tris, pH 8.0. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
<b>Molecular Mass</b>	The recombinant human FANCA consists of 316 amino acids and predicts a molecular mass of 35.2 kDa. It migrates as an approximately 35 kDa band in SDS-PAGE under reducing conditions.
<b>Endotoxin</b>	< 1.0 EU per µg protein as determined by the LAL method.
<b>Purity</b>	> 75 % as determined by SDS-PAGE
<b>Storage</b>	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

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**Reconstitution** It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

## GENE INFORMATION

**Gene Name** FANCA Fanconi anemia, complementation group A [ Homo sapiens ]

**Official Symbol** FANCA

**Synonyms** FANCA; Fanconi anemia, complementation group A; FACA, FANCH; Fanconi anemia group A protein; FA H; FAA; FAH; Fanconi anemia, type 1; Fanconi anemia, complementation group H; FA; FA1; FA-H; FACA; FANCH; MGC75158;

**Gene ID** 2175

**mRNA Refseq** NM\_000135

**Protein Refseq** NP\_000126

**MIM** 607139

**UniProt ID** O15360

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