

Datasheet for ABIN7317446 **FANCA Protein (His tag)**



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Overview

Quantity:	100 µg
Target:	FANCA
Origin:	Human
Source:	Baculovirus infected Insect Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This FANCA protein is labelled with His tag.

Product Details

Purpose:	Recombinant Human FANCA/FACA Protein (His Tag)
Sequence:	Met 1-Cys 297
Characteristics:	A DNA sequence encoding the human FANCA (AAH08979.1) (Met 1-Cys 297) was expressed, with a polyhistidine tag at the N-terminus.
Purity:	> 85 % as determined by reducing SDS-PAGE.
Endotoxin Level:	< 1.0 EU per µg as determined by the LAL method.

Target Details

Target:	FANCA
Alternative Name:	FANCA/FACA (FANCA Products)
Background:	Background: FANCA is one of the six known Fanconi anemia gene products (FANCA, FANCC, FANCD2, FANCE, FANCF, and FANCG proteins). Fanconi anemia (FA) is a genetic disorder predisposing to aplastic anemia and cancer characterized by hypersensitivity to DNA-damaging

Target Details

agents and oxidative stress. FANCA associates with the I κ B kinase (IKK) signalsome via interaction with IKK2. Components of the FANCA complex undergo rapid, stimulus-dependent changes in phosphorylation, which are blocked by kinase-inactive IKK2.

Synonym: FA;FA-H;FA1;FAA;FACA;FAH;FANCH

Molecular Weight: 35.2 kDa

Pathways: [DNA Damage Repair](#)

Application Details

Restrictions: For Research Use only

Handling

Format: Lyophilized

Reconstitution: Please refer to the printed manual for detailed information.

Buffer: Lyophilized from sterile 20 mM Tris, 200 mM NaCl, pH 8.5, 20 % glycerol, 0.1 % Triton, 1 mM TCEP

Storage: 4 °C,-20 °C,-80 °C

Storage Comment: Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.