

Datasheet for ABIN7547599
FANCG Protein (AA 1-622) (His tag)



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Overview

Quantity:	1 mg
Target:	FANCG
Protein Characteristics:	AA 1-622
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This FANCG protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant FANCG Protein expressed in mammalian cells.
Sequence:	<p>MSRQTTSVGS SCLDLWREKN DRLVRQAKVA QNSGLTLRRQ QLAQDALEGL RGLLHSLQGL PAAVPVLPLE LTVTCNFIL RASLAQGFE DQAQDIQSL ERVLETQEQQ GPRLEQGLRE LWDSVLRASC LPELLSALH RLVGLQAALW LSADRLGDLA LLETLNGSQ SGASKDLLLL LKTWSPPAEE LDAPLTLQDA QGLKDVLLTA FAYRQGLQEL ITGNPDKALS SLHEAASGLC PRPVLVQVYT ALGSCHRKMG NPQRALLYLV AALKEGSAWG PPLLEASRLY QQLGDTTAE ESLELLVEAL NVPCSSKAPQ FLIEVELLLP PPDLASPLHC GTQSQTKHIL ASRCLQTGRA GDAAEHYLDL LALLDSSEP RFSPPSPPG PCMPEVFLEA AVALIQAGRA QDALTLCEEL LSRTSSLLPK MSRLWEDARK GTKELPYCPL WVSATHLLQG QAWVQLGAQK VAISEFSRCL ELLFRATPEE KEQGAAFNCE QGCKSDAALQ QLRAAALISR GLEWVASGQD TKALQDFLLS VQMCPGNRDT YFHLLQTLKR LDRRDEATAL WWRLEAQTGK SHEDALWSLP LYLESYLSWI RPSDRDAFLE EFRTSLPKSC DL Sequence without tag. The proposed Purification-Tag is based on experiences with the expression system, a different complexity of the protein</p>

Product Details

could make another tag necessary. In case you have a special request, please contact us.

Specificity: If you are looking for a specific domain and are interested in a partial protein or a different isoform, please contact us regarding an individual offer.

Characteristics: **Key Benefits:**

- Made to order protein - from design to production - by highly experienced protein experts.
- Protein expressed in mammalian cells and purified in one-step affinity chromatography
- The optimized expression system ensures reliability for intracellular, secreted and transmembrane proteins.
- State-of-the-art algorithm used for plasmid design (Gene synthesis).

This protein is a made-to-order protein and will be made for the first time for your order. Our experts in the lab try to ensure that you receive soluble protein.

If you are not interested in a full length protein, please contact us for individual protein fragments.

The big advantage of ordering our made-to-order proteins in comparison to ordering custom made proteins from other companies is that there is no financial obligation in case the protein cannot be expressed or purified.

Purity: > 90 % as determined by Bis-Tris PAGE, anti-tag ELISA, Western Blot and analytical SEC (HPLC)

Grade: custom-made

Target Details

Target: FANCG

Alternative Name: FANCG ([FANCG Products](#))

Background: Fanconi anemia group G protein (Protein FANCG) (DNA repair protein XRCC9),FUNCTION: DNA repair protein that may operate in a postreplication repair or a cell cycle checkpoint function. May be implicated in interstrand DNA cross-link repair and in the maintenance of normal chromosome stability. Candidate tumor suppressor gene.

Molecular Weight: 68.6 kDa

UniProt: [015287](#)

Pathways: [DNA Damage Repair](#)

Application Details

Application Notes: We expect the protein to work for functional studies. As the protein has not been tested for functional studies yet we cannot offer a guarantee though.

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: The buffer composition is at the discretion of the manufacturer.

Handling Advice: Avoid repeated freeze-thaw cycles.

Storage: -80 °C

Storage Comment: Store at -80°C.

Expiry Date: 12 months
