Datasheet for ABIN7561412

FANCG Protein (AA 1-623) (His tag)

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Overview

Quantity:	1 mg
Target:	FANCG
Protein Characteristics:	AA 1-623
Origin:	Mouse
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:	MSSQVIPALP KTFSSSLDLW REKNDQLVRQ AKQLTRDSRP SLRRQQSAQD TLEGLRELLL TLQGLPAAVP ALPLELTVLC NCIILRASLV QAFTEDLTQD LQRGLERVLE AQHHLEPKSQ QGLKELWHSV LSASSLPPEL LPALHCLASL QAVFWMSTDH LEDLTLLLQT LNGSQTQSSE DLLLLLKSWS PPAEESPAPL ILQDAESLRD VLLTAFACRQ GFQELITGSL PHAQSNLHEA ASGLCPPSVL VQVYTALGAC LRKMGNPQRA LLYLTEALKV GTTCALPLLE ASRVYRQLGD RAAELESLEL LVEALSATHS SETFKSLIEV ELLLPQPDPA SPLHCGTQSQ AKHLLASRCL QTGRAEDAAE HYLDLLAMLL GGSETRFSPP TSSLGPCIPE LCLEAAAALI QAGRALDALT VCEELLNRTS SLLPKMSSLW ENARKRAKEL PCCPVWVSAT HLLQGQAWSQ LKAQKEALSE FSQCLELLFR TLPEDKEQGS DCEQKCRSDV ALKQLRVAAL ISRGLEWVAS GQDTKALSDF LLSVQICPGN RDGSFYLLQT LKRLDRKNEA SAFWREAHSQ LPLEDAAGSL PLYLETCLSW IHPPNREAFL EEFGTSVLES CVL **Sequence without tag. The proposed Purification-Tag is based on experiences with the expression system, a different complexity of the protein**

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 homolog (Protein FACG),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 (By similarity). {ECO:0000250}.
Molecular Weight:	68.5 kDa
UniProt:	Q9EQR6
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