

Datasheet for ABIN7565113
FANCA Protein (AA 1-1439) (His tag)



[Go to Product page](#)

Overview

Quantity:	1 mg
Target:	FANCA
Protein Characteristics:	AA 1-1439
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This FANCA protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

Product Details

Purpose:	Custom-made recombinat Fanca Protein expressed in mammalian cells.
Sequence:	MPGSPARGAA MGGGPRGLRK TWTELLAGRV KKQKYDPERE QKLKDSALKL LRYHQNMHDL LLEVEEPQCK RLRLSELIDR DSADASSDRS ASFIRSAFRD QASRLGVPVG VLSAKVFARS VQQVCVEPSH PVLLSPEQSK KLSSLLMIAR HLLAQNMFSR LTFCQELWKA QNSLLLEAMW RLHTSVSVSL QELLQSHADS EAMAMWLFRN LRSLCEQIGA SCPSPTTEA MLSGLVQLLI SRGFQGSDDP RRLVEPERLP QVATDVLQRM LAFSLDTLEA DPQTTLDCQA VSGWIPYISG HTCCGVVTEN SLKSFFSHTL TQILTHKPVL KVSDAIQMQK EWSFAKTHHL LTDLHCRVLA TLGPEESVGR LQEVLEMQEV NWQHVLSQVS TLVVCFPFAQ QLVKGWVASL MARAFESYHL DSMVTAFILV RQATLEGPIV FPSYADWFKE SFGSSSHGYHS CSKKTIVFLF KFLSDLVPWE APRYMQVHIF HPPLVPSKYH SLLTDYISLA KTRLADLKVS LENVGLYEDL SSPGDIAERE SQAVQDVKKA IMVFEQTGKI PMPVLEASIF RRPYYVSHFL PTLLAPRVLP EVDPDPRVALI ETLKRADKIP SSIYDAYRKA CASAQKQPE NATSAQRTEA DCAKEPLGLL TAALEELRAL

MTDPTQYSVI SAQVAVVSEK LNAVLGHRND GGS LQRAKIQ LSVLPSTLQK QDQAVVDLLL
TAF CQNLM AA SSFVPPERQS PWAVLFVRTL CGHVLLPAVL TRLRQLLRHQ GQSLSTSHVL
GLAALAVHLG ECRSMLPEVD PDVLAPSAGS LCVPDFLNSL LTCRTRDSLL FCMNFCTAAV
SYCLCKFSAL RNCLSPGLIK KFQFVVLRLF PEARAPCAPE HAACVPWRPL YLPSADWQRA
ALSLWRRDSF QELLKDKEYF LTYRDWVQLE LEIQPEADVL SDMERHDFHQ WAIYERYLPA
PTALGGCGGD LEEACTVLVS EIMDFHQSSR SYNHSESDSL VLGGR TGND ILSRLQEIAL
DLELDQGS AV PHGCSTPQSH FLFRVFRRRL QALARPDSMA TSLRRQCELL TCKRLLCLP
PSVLVGGPQA GQPISPNCGE FFSLVNSELN NFCCHG SVLT SDITI HFFRG LLRVCLRSQD
PALVANQTLT ECQTKCPVIL TSALLWWSSL EPVLCGRWMR CYQSPLPREL RRLQEAREFA
SNFASASASP APSPAWIAAA ALHFAWRGVR KEDVTAHLQR LDCQREELLI ALFFFSLMGL
LSSYL TQRDT AEHLKAVDIC AEVLTCLERR KVS WL VLFQL TEKDAKLGHL LHLAPDQHTR
LLPLAFYSLL SCFSEGA AVR EAAFLHVAVD MYLKLLQLFV DGETRLQGHS ESQGSPVQLI
TKARVFLQL IPQCPKQCFS NMTELLAGRG DCDPEVSNAL RQRQQADPSF DLYQEPQLF

Sequence without tag. The proposed Purification-Tag is based on experiences with the expression system, a different complexity of the protein could make another tag necessary. In case you have a special request, please contact us.

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, Western Blot

Grade:

custom-made

Target Details

Target:	FANCA
Alternative Name:	Fanca (FANCA Products)
Background:	Fanconi anemia group A protein homolog (Protein FACA),FUNCTION: DNA repair protein that may operate in a postreplication repair or a cell cycle checkpoint function. May be involved in interstrand DNA cross-link repair and in the maintenance of normal chromosome stability (By similarity). {ECO:0000250}.
Molecular Weight:	161.2 kDa
UniProt:	Q9JL70
Pathways:	DNA Damage Repair

Application Details

Application Notes:	In addition to the applications listed above we expect the protein to work for functional studies as well. 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