

Datasheet for ABIN7553881

FANCA Protein (AA 1-1455) (His tag)



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Overview

Quantity:	1 mg
Target:	FANCA
Protein Characteristics:	AA 1-1455
Origin:	Human
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:	MSDSWVPNSA SGQDPGRRR AWAELLAGRV KREKYNPERA QKLKESAVRL LRSHQDLNAL LLEVEGPLCK KLSLSKVIDC DSSEAYANHSSFFIGSALQD QASRLGVPVG ILSAGMVASS VGQICTAPAE TSHPVLLTVE QRKKLSSLLLE FAQYLLAHSM FSRLSFCQEL WKIQSSLLLE AVWHLHVQGI VSLQELLESHPDMHVGSWL FRNLCCCLCEQ MEASCQHADV ARAMLSDFVQ MFVLRGFQKN SDLRRTVEPE KMPQVTVDDL QRMLIFALDA LAAGVQEESSTHKIVRCWFG VFSGHTLGSV ISTDPLKRFF SHTLTQILTH SPVLKASDAV QMQREWSFAR THPLTSLYR RLFVMLSAAE LVGHLQEVLE TQEVHWQVRVLSFVSALVVCPEAQQLLEDW VARLMAQAFE SCQLDSMVTA FLVVRQAALE GPSAFLSYAD WFKASFGSTR GYHGCSKKAL VFLFTLSEL VPFESPRYLQ VHILHPPLVP GKYSLLTDY ISLAKTRLAD LKVSINMGL YEDLSSAGDI TEPHSQALQD VEKAIMVFEH TGNIPVTVME ASIFRRPYV SHFLPALLTP RVLPKVPDSR VAFIESLKRA DKIPPSLYST YCQACSAEE KPEDAALGVR AEPNSAEEPL GQLTAALGEL

RASMTDPSQR DVISAQVAVI SERLRAVLGH NEDDSSVEIS KIQLSINTPR LEPREHMAVD
LLLTSTFCQNL MAASSVAPPE RQGPWAALFV RTMCGRVLPA VLTRLCQLLR HQGPSLSAPH
VLGLAALAVH LGESRSALPE VDVGPPAPGA GLPVPALFDS LLTCRTRDSL FFCLKFCTAA
ISYSLCKFSS QSRDTLCSCS SPGLIKKFQF LMFRLFSEAR QPLSEEDVAS LSWRPLHLPS
ADWQRAALSL WTHRTFREVL KEEDVHLTYQ DWLHLELEIQ PEADALSDTE RQDFHQWAIH
EHFLPESSAS GGCDGDLQAA CTILVNALMD FHQSSRSYDH SENSDLVFGG RTGNEDIISR
LQEMVADLEL QQDLIVPLGH TPSQEHFLFE IFRRLRLQALT SGWSVAASLQ RQRELLMYKR
ILLRLPSSVL CGSSFQAEQP ITARCEQFFH LVNSEMRNFC SHGGALTQDI TAHFFRGLLN
ACLRSRDPSL MVDFILAKCQ TKCPLILTSALVWWPSLEPV LLCRWRRHCQ SPLPRELQKL
QEGRQFASDF LSPEAASPAP NPDWLSAAAL HFAIQQVREE NIRQQLKKLD CEREELLVFL
FFFSLMGLLS SHLTSNSTTD LPKAFHVCAA ILECLEKRKI SWLALFQLTE SDLRLGRLLL
RVAPDQHTRL LPFAFYLLS YFHEDAAIRE EAFHVAVDM YLKLVLQFVA GDTSTVSPPA
GRSLELKGQG NPVELITKAR LFLLQLIPRC PKKSFSHVAE LLADRGDCDP EVSAAALQSRQ
QAAPDADLSQ EPHLF

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 (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.
Molecular Weight:	162.8 kDa
UniProt:	O15360
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