

Datasheet for ABIN7561891
C17orf70 Protein (AA 1-879) (His tag)



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Overview

Quantity:	1 mg
Target:	C17orf70 (C17ORF70)
Protein Characteristics:	AA 1-879
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This C17orf70 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant Faap100 Protein expressed in mammalian cells.
Sequence:	MAGASSRVHY LSDFCCPLGG RAAGKPFVLR HEAEVFLSTG REFVYVYDQE GLLLTAVYQF PDQVWHLQLL AIRRALYVLC ARTGIYCLSL DSLDRSGSQA CEDKEEAAPP YPVIHVDPDA CVLPDAALCA FTVLDDMLVT LAQGPTQWKM QLFERPCAGE EPLPRGQIGE VELSTCTPPG GVPEKPAAPR FLPVLCCVFP PDSRAPHGHP QGCGCFTLEE ALFGLLFGVD ATLLQSPVIL CGLPDGQLCC VVKALVTSG LAPGDPKVLV KILHHLEEV IFIGALRAEP HEEEAAGELL PGQHEHSDCL VALGHQGRTL AIKASWSESG NLVPELREYC LPGPVLC AAC DRDGHVYHST PSDLCVVDLT RRDSPWNPEK PDGAIGGLPS VLCPASLNIC SALALCVTAR APTGSTELLA LSSKGRITC SLDLNSEAPV PAKMAMANAG QKIKELLLDI GDVSERVSFL KKAVDQRNKA ITSLNEAMNV SCALLSHEG DRPIACTITT SWSRLELRDM LMATCTLENS SSFSLDQGW LCIQVLTSSS ALDLDTGSA FTYTIPVDRL GPGSRREVT LPLGPESEGLV DLPVTMSCWL FYSLREVVGA ALAPSDPLEA PYLEQFPLSL PKQEGVCLPL CKRTVDMLQC LRFAGAATHP AQAPCMPGPA CEPVETFLKT CQAPGSEPTG AASLRAKYLP PSTASIRVSA GLLRAALED

Product Details

HSGFHLCSAT LRWLLAENAA VDVVRAQTLS SIQGIAPDGT DVNLTVHEVA VTDLSPAGPI
QAVEIQVESS SLANMCRAHH AIIRRIQTMV TEQAALGSSP PDLRMQYLQQ IHANHQELLR
EVQALRDQLC TEDELSSCST AQKLLHIYKQ LRNPSLVLL **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.**

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: C17orf70 (C17ORF70)

Alternative Name: Faap100 ([C17ORF70 Products](#))

Background: Fanconi anemia core complex-associated protein 100 (Fanconi anemia-associated protein of 100 kDa),FUNCTION: Plays a role in Fanconi anemia-associated DNA damage response network. Regulates FANCD2 monoubiquitination and the stability of the FA core complex. Induces chromosomal instability as well as hypersensitivity to DNA cross-linking agents, when repressed (By similarity). {ECO:0000250}.

Target Details

Molecular Weight: 94.3 kDa

UniProt: [A2ACJ2](#)

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