

Datasheet for ABIN7553942
C17orf70 Protein (AA 1-881) (His tag)



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Overview

Quantity:	1 mg
Target:	C17orf70 (C17ORF70)
Protein Characteristics:	AA 1-881
Origin:	Human
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:	MAGAAPRVRY LAGFCCPLGG LAAGKPRVLC HEAEVFLSTG SELVYVYDQE GLLTAAFRF PDQVWHLELL APRRLLYALC ARRGYCLSL DHPGRSRSTS QDDRSEDGD QPSPVIPVDP DACILPDAAL CAFTLLDSVL VTLVQGPARGW KMQLFEQPCP GEDPRGGQI GEVELSSYTP PAGVPGKPA PHFLPVLCV SPSGSRVPHD LLGGSGGFTL EDALFGLLFG ADATLLQSPV VLCGLPDGQL CCVILKALVT SRSAPGDPNA LVKILHHLEE PVIFIGALKT EPQAAEEAEN FLPDEDVHCD CLVAFGHHGR MLAIKASWDE SGKLVPELRE YCLPGPVLC ACGGGGRVYH STPSDLCVVD LSRGSTPLGP EQPEEGPGL PPMLCPASLN ICSVVSLSAS PRTHEGGTKL LALSAKGRML TCSLDLSEM PGPARMTTES AGQKIKELLS GIGNISERVS FLKKAVDQRN KALTSLEAM NVSCALLSSG TGPRPISCTT STTWSRLQTQ DVLMATCVLE NSSSFLDQG WTLCIQVLTSCALDLDLSDSAC SAITYTIPVD QLPGGARREV TLPLPGGENG GLDLPVTVSC TLFYSLREVV GGALAPSDSE DPFLDECPSD VLPEQEGVCL PLSRHTVDML QCLRFPGLAP PHTRAPSPLG PTRDPVATFL ETCREPGSQP AGPASLRAEY LPPSVASIKV SAELLRAALK

Product Details

DGHSQVPLCC ATLQWLLAEN AAVDVVRARA LSSIQGVAPD GANVHLIVRE VAMTDLCPAG
PIQAVEIQVE SSSLADICRA HHAVVGRMQT MVTEQATQGS SAPDLRVQYL RQIHANHETL
LREVQTLRDR LCTEDEASSC ATAQRLQVY RQLRHPSLIL L **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. {ECO:0000269|PubMed:17396147}.

Target Details

Molecular Weight: 93.4 kDa

UniProt: [Q0VG06](#)

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