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Datasheet for ABIN7553179

CFAP61 Protein (AA 1-1237) (His tag)

Overview

Quantity:	1 mg
Target:	CFAP61
Protein Characteristics:	AA 1-1237
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This CFAP61 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant CFAP61 Protein expressed in mammalian cells.
Sequence:	<p>MSVLTSRPGK VEVVHCR RTE SQDVYCIKSL IRKFTCKLFG KLNIIYLLEK ANLAVTLCND KEEIMAQATF LDYPNWNVAK QDDWVSVFRE LDSDIPCTPL NTLFMHLFVA VDEYSVGCKK EILRTVYKAV PELHFIFLIV PSYMSLGSTL ITVFDQVGN I PCLTYEEDFA VHICHRHSHY PQLHVRKARV EDHDDLMPIF MRYDTILKET YGEYFLAELI EAQDEENHAV VCEVEGTAVG FMSVCSRVM QLLHECFDLG PFHGLCFPHP DDVLESPQDL SVRRSQDAEL RSSSQGSQKI VEELQEPVSP DTMENIQGNI AREAASEEAL TAVQSGNVSE PEDIEKLSDI STGYAQYHHV SSRSLASLVL PEEPVHFRPI YRGASAAFCI QLFCIDEKYE ARSLDFMNFV FSLFSDKNFC VISLPHLTPE FFLIQNFVKM VPFNTCTLEQ DLYVFHFRAGL LKSINIRFAT LLDTPGVENL VSTLMLN KSI LEDLDRYNKA RKDPDG TLLQ AFVAEVAEQI VGI AVIRNEM DIEYIRSHYN IEDFIYFSHH QREEHGHMHH FALNPIFRHY TKFFLKEILR LGFKSCLYR VYPKSREGKF QNPYAHSLTS ALHYLVPVRP RRQIVYPLEK LGINAPSKAV SKDPMSYALN HTNRKLTLEP KITVNAKIIV VGASSVGISF LETLVFC SHM KFNNLTLIST HGLPGKLLD TEQRKFLASD</p>

Product Details

HCFNDKDYAL MSLCSWVNVV VGRMTGIDRA AKHVVLSTDE IVPYDHLILC TGQQYQVPCP
TEADISQHLT NREVPNSSQR RYTGKVP CNH FTLNEEEDCF KALIWIRNNS ITTEGNIIVY
GNTIDTYTTV ETLNLGVSG SRIHLVQPPP ASTITCINNY SVESAVADAL GAAGVTMYRD
AILAQWNDGL HPDPIYSASF TTPTKPFRLQ CSMFFSFCEK NVDYETFKAL NDACLVYDSR
LVIDTNFHTN DIAIRAAGSL TKFSNRYYSN EWTHSNFSSK EIGFQLAAAM LHLFDPTLEP
VTEPPANLDR LIPMYKGAKI QGGILPGSYH YLHIAKPAIP TPLEVQMAQP NYGLELVTGS
AKNGTYFRIH INKYK MVETI TCLSREPFPA SNYIRLFGQH EQLLNLCAR YDENLITDLY
SYFTEPWCLA LFHDRFIDLR KELRQILASK EEEDLPSIEQ LAHQIEDEEI NPTEKPRQYL
KRVFEESIYK TLVERSTLDY LHYNRYH LPM YAWPGIV **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: CFAP61

Target Details

Alternative Name:	CFAP61 (CFAP61 Products)
Background:	Cilia- and flagella-associated protein 61,FUNCTION: Involved in sperm flagellum assembly (PubMed:34792097, PubMed:35174165). Plays an essential role in the formation of the radial spokes in flagellum axoneme (By similarity). {ECO:0000250 UniProtKB:Q8CEL2, ECO:0000269 PubMed:34792097, ECO:0000269 PubMed:35174165}.
Molecular Weight:	141.3 kDa
UniProt:	Q8NHU2

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