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Datasheet for ABIN7564553

CFAP61 Protein (AA 1-1252) (His tag)

Overview

Quantity:	1 mg
Target:	CFAP61
Protein Characteristics:	AA 1-1252
Origin:	Mouse
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:	<pre>MSILTSRPGK VEVVHCR RTE SQDIFCIK NL VRKFTQKLFG RLNIY LLEK ANLAVTVCND KEEIMAH SIF LDYPNWNVAK QDNWIPLFRE LDKEIPCTPL NTLFMHFFVA VDEYATGCLK EIIRTVFKAV PELYFIFLIV PTYLSLGSTL ITVFDQVGN I PCLNYNEDFA VHICHRHNHY PQLHIRKARV EDHDDLMP IF MHYDNTLKEI YGEYFLAELI EAQDKDHHAV VCEVEGKAVG FMSVCTSVNL PLLHECFDLG PFHGFCTPHP DDILKPSREP SLEEGEEKHL KKCSTSLIIR EMQIKTT LRF HLT PVRMAKI KNSETETSAS CEEALPTVLG LVSEERLKQD MEKNLSILSL VDEEDVASSL SSSLLLSVES SHFRPLYLGD PIAFCIQLFC IDERYEARQV LISNVSLSLD FMSFVFSLFP GKNFCLISVP HLTPEFVLIQ NFVKVVPFNN CTLDHDLYVF HRAGLLRSIT IRLAKFLDTA GVEKLVSTLL LSTKILDDLA QYNEAGRDPD GTALQVFVAE VADQIVGIAV IRKEMDIEYI RSHYNIEDFI YFSHHQEEH GRLNHFALNP IFRHYTKFFL KEILRLGYKS CLYYPVYPQT REGKLQSSYS HSLTSALHYL VPVRRRQIV YPLEKLGINA PSKEVSKDQV SFALNHTNRK LTLEPKVTVN ARIVVVGASS VGISFLET LV FCSHLKFNNL TLISTHGLPG</pre>

Product Details

KRLLHNEQRK FLASDHCFND KDYALMSLCS WVNVVVGRMT AIDRAAKQVW VSKSEIVFYD
HLILCTGLQY QVPCPTGADT EQHLTNREVL ELSKQRYTGT VPSNLFILND EEDCVRMLCW
LRNSSILTEG KVIVYGNITLD AYTTVETLLN IGMKGSIGYF VHPPTESNIT CINNNDVESA
VEDALSAAGV TVFHDALLAQ WNHGQHPDPI YNACFTTSTK PIRLECSAFF SFYKKNVDYE
TFKAFNDAQL VYDGRLVIDT TFHTNDIAIR AAGSLTKFSN RYYSNEWTHS NFSSKEIGFQ
LAAAMLSLFD PTLEPVTEPP ADLDRILIPMY KGAKIQGGIL PGSYHYLHIS KPAIPTPLNL
QRSQPDFGSD VVTGNACKGT YFRLYINNYK LVEAITCFSK EPPSSNYIR LFGQHEQVLN
NLCTRFDDKL IPDLYSYFTE PWCMA LFHDR FIDLK KELRQ ILISKQEEDK PTMEEIAYRL
EEEEINLNEK PQKYLQRVFE DSIYKSLLK SILDYLHYNQ YHLP MYAWPG II **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:35387802). Plays an essential role in the formation of the radial spokes in flagellum axoneme (PubMed:34792097, PubMed:35387802). {ECO:0000269 PubMed:34792097, ECO:0000269 PubMed:35387802}.
Molecular Weight:	143.3 kDa
UniProt:	Q8CEL2

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