

Datasheet for ABIN7550647

**Primary Ciliary Dyskinesia Protein 1 (PCDP1) (AA 1-840)
protein (His tag)**[Go to Product page](#)

Overview

Quantity:	1 mg
Target:	Primary Ciliary Dyskinesia Protein 1 (PCDP1)
Protein Characteristics:	AA 1-840
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	His tag
Application:	SDS-PAGE (SDS), Western Blotting (WB)

Product Details

Purpose:	Custom-made recombinant CFAP221 Protein expressed in mammalian cells.
Sequence:	MAVVKTPSRG LKNAKEPFNN ASPHLLKNLV EEPKKRKEVP NHLLESKVYA KLVNNKVIQA RPGIIHFGGY QVEKQHQIL HLVNVSNET RVHILPPQTK YFEINYVRKE HHLVPGLSLT VTVTFSPEW RYYYDCIRVH CKGDDTLLVP IHAYPVMNSL DFPSFINLSN VLLGESKTYV IPLQCSCPVD FEFYITLIQS HQAFAIPTS GIIPANGKMT VTIKFTPFQY GTAQIKMQLW ISQFNSQPYE CVFTGTCYPN MALPLEEFER LNTLSKKVNV PPEKAMMHIN FHRPPAKPKP QKVKEIEYQN LRFPVDSLNP FAVATVLNQE PGKLIKELR EVLDQGTEIS KTRQMKEALF EQKVRQDIHE EMENHLKWQV HLGKDPMSFK LKKELTEEWQ KACAKYKLDG GDPILDEEFQ RLKTEVSHKR VVRNQEEKIK EFHPTFDPLI NNTWLSRSRA QKRFQQVARK VMIQGRLFNM LSAVREMDKE SILRKIGQAK QSIAQEANFF KFFLRISQD DYTSRFSVSP KEVLPFAFPD CSPPQDSNEL APDGLGLVPI KSSEVQIKQS YSFFNLQVPQ LYKIKRYQPF SVHKSSTSYR PQKLARALKQ GADEVTTIT ALPKQDSTTQ LSGKTSVLMS KPPEALAMSL DYDPLYVFNP

Product Details

NPGLFAVMHP LTYAETLIDY HLCSHPKYKF TKESRHGSSI PVTQKQFLHH TDIIPGIMHW
KSFQSLVLSS LPDPSKMETT KSCDSFNSFM LPIDVPAILD ALPEEDRLET VERELCEQNV
EVMLTPEMIK VEFPMNLNYKD IRKEKEVKDQ AQPAEKAGEK LLEEMRNLRG KALNTYLILE

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:

Primary Ciliary Dyskinesia Protein 1 (PCDP1)

Alternative Name:

CFAP221 ([PCDP1 Products](#))

Background:

Cilia- and flagella-associated protein 221 (Primary ciliary dyskinesia protein 1),FUNCTION: May play a role in cilium morphogenesis. {ECO:0000250|UniProtKB:A9Q751}.

Molecular Weight:

96.9 kDa

UniProt:

[Q4G0U5](#)

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
