

Datasheet for ABIN7550929  
**POC5 Protein (AA 1-575) (His tag)**



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## Overview

Quantity:	1 mg
Target:	POC5
Protein Characteristics:	AA 1-575
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This POC5 protein is labelled with His tag.

## Product Details

Purpose:	Custom-made recombinant POC5 Protein expressed in mammalian cells.
Sequence:	MSSDEEKYSL PVVQNDSSRG SSVSSNLQEE YEELLHYAIV TPNIIPCASQ SSHPKGELVP DVRISTIHI LHSQGNNSEV RETAIEVGKG CDFHISSHSK TDESSPVLSP RKPSHPVMDF FSSHLLADSS SPATNSSHTD AHEILVSDFL VSDENLQKME NVLDLWSSGL KTNIISELSK WRLNFIWHR MEMRKEKEKH AAHLKQLCNQ INELKELQKT FEISIGRKDE VISSLSHAIG KQKEKIELMR TFFHWRIGHTV RARQDVYEGK LADQYYQRTL LKKVWVWRS VVQKQWKDVV ERACQARAEE VCIQISNDYE AKVAMLSGAL ENAKAEIORM QHEKEHFEDS MKKAFMRGVC ALNLEAMTIF QNRNDAGIDS TNNKKEEYGP GVQGKEHSAH LDPSAPP MPL PVTSPLLPSP PAAVGGASAT AVPSAASMTS TRAASASSVH VPVSALGAGS AATAASEEMY VPRVVTSAQQ KAGRTITARI TGRCDFASKN RISSSLAIMG VSPPMSSVVV EKHHPTVQT IPQATAAKYP RTIHPESSTS ASRSLGTRSA HTQSLTSVHS IKVVD <b>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</b>

## Product Details

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### 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

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Target: POC5

Alternative Name: POC5 ([POC5 Products](#))

Background: Centrosomal protein POC5 (Protein of centriole 5) (hPOC5),FUNCTION: Essential for the assembly of the distal half of centrioles, required for centriole elongation.  
{ECO:0000269|PubMed:19349582}.

Molecular Weight: 63.4 kDa

UniProt: [Q8NA72](#)

## Application Details

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Application Notes: We expect the protein to work for functional studies. As the protein has not been tested for

## Application Details

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functional studies yet we cannot offer a guarantee though.

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Restrictions: For Research Use only

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## Handling

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Format: Liquid

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Buffer: The buffer composition is at the discretion of the manufacturer.

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Handling Advice: Avoid repeated freeze-thaw cycles.

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Storage: -80 °C

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Storage Comment: Store at -80°C.

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Expiry Date: 12 months

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