

Datasheet for ABIN7553305

## KIAA0562 Protein (KIAA0562) (AA 1-925) (His tag)



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### Overview

Quantity:	1 mg
Target:	KIAA0562
Protein Characteristics:	AA 1-925
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This KIAA0562 protein is labelled with His tag.

### Product Details

Purpose:	Custom-made recombinant CEP104 Protein expressed in mammalian cells.
Sequence:	<p>MPHKIGFVVV SSSGHEDGFS ARELMIHAPT VSGWRSRFC QFPQEIVLQM VERCIRKLQ</p> <p>LLAHQYMISS KIEFYISESL PEYFAPYQAE RFRRLGYVSL CDNEKTGCKA RELKSVYVDA</p> <p>VGQFLKLIFH QNHVKNYNIY NQVALVAINI IGDPADFSDE SNTASREKLI DHYLGHNSED</p> <p>PALEGTYARK SDYISPLDDL AFDMYQDPEV AQIIRKLDER KREAVQKERY DYAKKLKQAI</p> <p>ADLQKVGERL GRYEVEKRCA VEKEDYDLAK EKKQQMEQYR AEVYEQLELH SLLDAELMRR</p> <p>PFDLPLQPLA RSGSPCHQKP MPSLPQLEER GTENQFAEPF LQEKPSYSYL TISPQHSAMD</p> <p>PLLPATDPHP KINAEPLPYD ERPLPAIRKH YGEAVVEPEM SNADISDARR GGMLGEPEPL</p> <p>TEKALREASS AIDVLGETLV AEAYCKTWSY REDALLALSK KLMEMPVGTP KEDLKNTLRA</p> <p>SVFLVRRRAIK DIVTSVFQAS LKLLKMIITQ YIPKHKLSKL ETAHCVERTI PVLLTRTGDS</p> <p>SARLRVTAAN FIQEMALFKE VKSLQIIPSY LVQPLKANSS VHLAMSQMGL LARLLKDLGT</p> <p>GSSGFTIDNV MKFSVSALEH RVEVRETAV RIILDMYRQH QASILEYLPP DDSNTRRNIL</p> <p>YKTIFEGFAK IDGRATDAEM RARRKAATEE AEKQKKEEIK ALQGQLAALK EIQAEVQEKE</p>

## Product Details

SDAVKPKNQD IQGGKAAPAE ALGIPDEHYL DNLCIFCGER SESFTEEGLD LHYWKHCLML  
TRCDHCKQVW EISLSTEHL TECDKKDGFG KCYRCSEAVF KEELPRHIKH KDCNPAKPEK  
LANRCPLCHE NFSPGEEAWK AHLMPAGCT MNLRKTHILQ KAPALQPGKS SAVAASGPLG  
SKAGSKIPTP KGGLSKSSSR TYAKR **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:** KIAA0562

**Alternative Name:** CEP104 ([KIAA0562 Products](#))

**Background:** Centrosomal protein of 104 kDa (Cep104),FUNCTION: Required for ciliogenesis and for structural integrity at the ciliary tip. {ECO:0000269|PubMed:23970417}.

**Molecular Weight:** 104.4 kDa

**UniProt:** [O60308](#)

## 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 functional studies yet we cannot offer a guarantee though.
Restrictions:	For Research Use only

## Handling

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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