

Datasheet for ABIN7553457
CEP44 Protein (AA 1-390) (His tag)



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Overview

Quantity:	1 mg
Target:	CEP44
Protein Characteristics:	AA 1-390
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This CEP44 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant CEP44 Protein expressed in mammalian cells.
Sequence:	MATGDLKRSL RNLEQVLRLL NYPEEVDVCG LIKGDPAASL PIISYSFTSY SPYVTELIME SNVELIAKND LRFIDAVYKL LRDQFNYPKI LTKKQFIQCG FAEWKIQIVC DILNCVMKKH KELSSLQKIP SQQRKKISSG KSEPPLGNEK ISAEAVGVDI SGRFMTSGKK KAVVIRHLYN EDNVDISED T LSPITDVNEA VDVSDLNATE IKMPEVKVPE IKAEQQDVNV NPEITALQTM LAECQENLKK LTSIEKRLDC LEQKMKGKVM VDENTWTNLL SRVTLLETETEM LLSKKNDEFI EFNEVEDYA SCSDMDLLNP HRKSEVERPA SIPLSSGYST ASSDSTPRAS TVNYCGLNEI SEETTIQKME RMKKMFEETA ELLKCPNHYL 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.

Product Details

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:

CEP44

Alternative Name:

CEP44 ([CEP44 Products](#))

Background:

Centrosomal protein of 44 kDa (Cep44) (HBV PreS1-transactivated protein 3) (PS1TP3),FUNCTION: Centriole-enriched microtubule-binding protein involved in centriole biogenesis. In collaboration with CEP295 and POC1B, is required for the centriole-to-centrosome conversion by ensuring the formation of bona fide centriole wall (PubMed:32060285). Functions as a linker component that maintains centrosome cohesion. Associates with CROCC and regulates its stability and localization to the centrosome (PubMed:31974111). {ECO:0000269|PubMed:31974111, ECO:0000269|PubMed:32060285}.

Molecular Weight:

44.1 kDa

UniProt:

[Q9C0F1](#)

Application Details

Application Notes:

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

Application Details

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
