

Datasheet for ABIN7553353
CEP97 Protein (AA 1-865) (His tag)



[Go to Product page](#)

Overview

Quantity:	1 mg
Target:	CEP97
Protein Characteristics:	AA 1-865
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This CEP97 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant CEP97 Protein expressed in mammalian cells.
Sequence:	<p>MAVARVDAAL PPGEQSVVNW SGQGLQKLG P NLPCEADIHT LILDKNQIIK LENLEKCKRL IQLSVANNRL VRMMGVAKLT LLRVLNLPHN SIGCVEGLKE LVHLEWLNLA GNNLKAMEQI NSCTALQHLD LSDNNISQIG DLSKLVSLKT LLLHGNIITS LRMAPAYLPR SLAILSLAEN EIRDLNEISF LASL TELEQL SIMNNPCVMA TPSIPGFDYR PYIVSWCLNL RVLDDGYVISQ KESLKAEWLY SQGKGRAYRP GQHIQLVQYL ATVCPLTSTL GLQTAEDA KL EKILSKQRFH QRQLMNQSQN EELSPLPVE TRASLIPEHS SPVQDCQISQ ESEPIVQVNS WVGINSNDDQ LFAVKNNFPA SVHTTRYSRN DLHLEDIQT D EDKLNCSLLS SESTFMPVAS GLSPLSPTVE LRLQGINLGL EDDGVADES V KGLESQVLDK EEEQPLWAAN ENSVQMMRSE INTEVNEKAG LLPCPEPTII SAILKDDNHS LTFPESTEQ KQSDIKPEN TQENKETIS QATSEKLPMI LTQRSVALGQ DKVALQKLN D AATKLQACWR GFYARNYNPQ AKDVRYEIRL RRMQEHIVCL TDEIRRLRKE RDEERIKKFV QEEAFRFLWN QVRS LQVWQQ TVDQRLSSWH TDVPPISSTL VPSKHPLFTQ SQESSCDQNA DWFIASDVAP QEKSLPEFPD SGFHSSLTEQ VHSLQHSLDF</p>

Product Details

EKSSTEGSES SIMGNSIDTV RYGKESDLGD VSEEHGEWVK ESSNNEQDNS LLEQYLTSVQ
QLEDADERTN FDTETRDSKL HIACFPVQLD TLDGASVDE SHGISPPLQG EISQTQENSK
LNAEVQGQQP ECDSTFQLLH VGVTV **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: CEP97

Alternative Name: CEP97 ([CEP97 Products](#))

Background: Centrosomal protein of 97 kDa (Cep97) (Leucine-rich repeat and IQ domain-containing protein 2),FUNCTION: Acts as a key negative regulator of ciliogenesis in collaboration with CCP110 by capping the mother centriole thereby preventing cilia formation (PubMed:17719545, PubMed:30375385). Required for recruitment of CCP110 to the centrosome (PubMed:17719545). {ECO:0000269|PubMed:17719545, ECO:0000269|PubMed:30375385}.

Target Details

Molecular Weight: 97.0 kDa

UniProt: [Q8IW35](#)

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