

Datasheet for ABIN7564963
CEP97 Protein (AA 1-856) (His tag)



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Overview

Quantity:	1 mg
Target:	CEP97
Protein Characteristics:	AA 1-856
Origin:	Mouse
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:	MAVARVDGAL APGEGSVVNW SGQGLQKLGA NLPCEADVHT LILDKNQIIK LENLEKCKQL IQLSVANNRL VRMMGVAKLT QLRVLNLPFN SIGCVEGLKD LVHLEWLNLA GNNLKTMEQV NSCTALQHLD LSDNNIPQIG DVSKLISLKT LLLHGNIITS LRMAPAYLPR NLSILSLAEN EIRDLNEISF LASLSELEQL SIMNNPCVMA TPSIPGFDYR PFIVSWCLNL RVLDDGYVISQ KESLKAEWLY SQGKGRSYRP GQHIQLVQYL ATVCPLTSAL GLQTAEDA KL EKILSKQRFH QRQLMSQSQD EELSPLAAVE TRVHRTPECS SPGQDFQESE PVLQINSWVG ISSNDDQLYA VKNNFPAAAH AARYSRNDLH LEDIQTDEDK LNCSLLSSES TFMPVASGLS PVSPTVELRL QGINLGLEDD DGADEFTKGL ENQDEKDKKE KSLWDMSESC VEMLKRKIST EVSEAAGLLP CPKSVIISAA LKEDTHSLTS LPESAGHSAS RTEANSEEAM SPATSEKFPC RILTQRPAAL GQDKVTLQKL NAAATKLQAC WRGFYTRNYN QQAKGVRYEI RLRRMQEHIV CLTDEVRRRLR KERDEERVKT FVQEEAVRFL WNEVRSVQAW QQTVEQRLAS WPPDVPPISS TLASPKPPLF PHHQDPSSDQ SSDWLVAEDE AAQGRSAPDF PDSGFHSSLT EQVPCLQDSL DFEKSSVESS

Product Details

ENSVLGN SAD TVKCVKDRDS EATAEEHSDC SRESSASEQD NTLLQYLT S VQQLDDAAEA
ADSDDVAGDG KRHLACSPER FDASSDSETH RVASTSQDEI SQTPEQCQLN EEAQQPPEC
DPAFQGLHVG VTVQPV **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. Required for recruitment of CCP110 to the centrosome (By similarity). {ECO:0000250|UniProtKB:Q8IW35}.

Molecular Weight: 94.6 kDa

Target Details

UniProt: [Q9CZ62](#)

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