

Datasheet for ABIN7558771
CEP85 Protein (AA 1-761) (His tag)



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Overview

Quantity:	1 mg
Target:	CEP85
Protein Characteristics:	AA 1-761
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This CEP85 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant Cep85 Protein expressed in mammalian cells.
Sequence:	MAMQEKYPND RSHATSPGSN VIQKGSSLGT EWQTPVISET FRSRFSRCSS IADSGDTAIG TSCSDIAEDF CSSSGSPSFQ PIKSHITPT AHVMPSTLGA SPAKPNSAPS GPSSAKLPLS GLTEGVGMTR NGDFGAVKRS PGLARDFMYL PSAAGENGSS QSWFPAVGHE REGEMRKFDV PSMESTLNQP AMLETLYSDP HYRAHFNPDR PDTNKDVYKV LPESKKAPGS GAVFERNGPH ASSSGVLPLG LQPAPGLSKS LSSQVWQSP DPWHPGEQSC ELSTCRQQLL LIRLQMEQMQ LQNGAMCHHP AAFAPLLPTL EPAQWLSILN SNEHLLKEKE LLIDKQRKHI SQLEQKVRES ELQVHSALLG RPAPFGDVCL LRLQELQREN TFLRAQFAQK TEALSKEKME LEKKLSASEV EIQLIRESLK VTLQKHSEEG KKQEERVKGR DKHINNLLKKK CQKESEQNRE KQQRIETLER YLADLPTLED HQKQTEQLKD AELKNTLQE RVAELETLLD DTQATCREKE VQLESRLRQE ADLSSARHSF QDKQSVVEAN GENLRVDMES QQKECDSLK MVERQQLKME QLHSQVQSQK QELAQEEGIN QALREEAQRRT ETALQQMRTA VKELSVQNQD LIEKNLTLQE HLRQAQPGSS SSPDSAQLAC ELHQELASCL QDLQAVCSIV TQRAQGHNPV LLLLLGIHST QHPGTQLDLQ

Product Details

KPDVIRRKLE EVQQLRHDIE DLRTSLSDRY AQDMGENCAT Q **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: CEP85

Alternative Name: Cep85 ([CEP85 Products](#))

Background: Centrosomal protein of 85 kDa (Cep85) (Coiled-coil domain-containing protein 21),FUNCTION: Acts as a regulator of centriole duplication through a direct interaction with STIL, a key factor involved in the early steps of centriole formation. The CEP85-STIL protein complex acts as a modulator of PLK4-driven cytoskeletal rearrangements and directional cell motility. Acts as a negative regulator of NEK2 to maintain the centrosome integrity in interphase. Suppresses centrosome disjunction by inhibiting NEK2 kinase activity. {ECO:0000250|UniProtKB:Q6P2H3}.

Target Details

Molecular Weight: 85.3 kDa

UniProt: [Q8BMK0](#)

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