

Datasheet for ABIN7553410

CEP170 Protein (AA 1-1584) (His tag)



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Overview

Quantity:	1 mg
Target:	CEP170
Protein Characteristics:	AA 1-1584
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This CEP170 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant CEP170 Protein expressed in mammalian cells.
Sequence:	MSLTSWFLVS SGGTRHRLPR EMIFVGRDDC ELMLQSRSDV KQHAVINYDA STDEHLVKDL GSLNGTFVND VRIPEQTYIT LKLEDKLRFG YDTNLFVVQ GEMRVPEEAL KHEKFTIQLQ LSQKSSESEL SKSASAKSID SKVADAATEV QHKTEALKS EEKAMDISAM PRGTPLYGQP SWWGDDEVDE KRAFKTNGKP EEKNHEAGTS GCGIDAKQVE EQSAAANEEV LFPFCREPSY FEIPTKEFQQ PSQITESTIH EIPTKDT PSS HITGAGHASF TIEFDDSTPG KVTIRDHVTK FTSDQRHKSK KSSPGTQDLL GIQTGMMAPE NKVADWLAQN NPPQMLWERT EEDSKSIKSD VPVYLKRLKG NKHDDGTQSD SENAGAHRRR SKRATLEEHL RRHHSEHKKL QKVQATEKHQ DQAVTSSAHH RGGHGVPHGK LLKQKSEEPS VSIPFLQTAL LRSSGSLGHR PSQEMDKMLK NQATSATSEK DNDDQSDKG TYTIELENPN SEEVEARKMI DKVFGVDDNQ DYNRPVINEK HKDLIKDWAL SSAAVMEER KPLTTSGFHH SEEGTSSSGS KRWVSQWASL AANHTRHDQE ERIMEFSAPL PLENETEISE SGM TVRSTGS ATSLASQGER RRRTLPLPN EEKSLESHRA KVVTQRSEIG EKQDTELQEK ETPTQVYQKD KQDADRPLSK MNRAVNGETL KTG GDNKTLL

HLGSSAPGKE KSETDKETSL VKQTLAKLQQ QEQRREEAQWT PTKLSSKNVS GQTDKCREET
FKQESQPPEK NSGHSTSKGD RVAQSESKRR KAEILKSQT PKGGDKKES KSLVRQGSFT
IEKPSPNIPI ELIPHINKQT SSTPSSLALT SASRIRERSE SLDPDSSMDT TLILKDTEAV
MAFLEAKLRE DNKTDEGPDT PSYNRDNIS PESDVDAST ISLVTGETER KSTQKRKSFT
SLYKDRCSTG SPSKDVTKSS SSGAREKMEK KTKSRSTDVG SRADGRKFVQ SSGRIRQPSV
DLTDDDQTSS VPHSAISDIM SSDQETYSCK PHGRTPLTSA DEHVHSLKLEG SKVTKSKTSP
VVGSSSSKST TLPRPRPRTT SLLRRARLGE ASDSELADAD KASVASEVST TSSTSKPPTG
RRNISRIDLL AQPRTRLGS LSARSDSEAT ISRSSASSRT AEAIIRSGAR LVPSDKFSPR
IRANSISRLS DSKVKSMSTA HGSASVNSRW RRFPTDYAST SEDEFGSNRN SPKHTRLRTS
PALKTTRLQS AGSAMPTSSS FKHRIKEQED YIRDWTAHRE EIARISQDLA LIAREINDVA
GEIDSVTSSG TAPSTTVSTA ATTPGSAIDT REELVDRVFD ESLNFRKIPP LVHSKTPEGN
NGRSGDPRPQ AAEPDPHLTI TRRRTWSRDE VMGDNLLLSS VFQFSKKIRQ SIDKTAGKIR
ILFKDKDRNW DDIESKLRAE SEVPIVKTSS MEISSILQEL KRVEKQLQAI NAMIDPDGTL
EALNNMGFPS AMLPSPPKQK SSPVNNHHSP GQTPTLGQPE ARALHPAAVS AAAEFENAES
EADFSIHFN RFPDGEEDV TVQE **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)

Product Details

Grade: custom-made

Target Details

Target: CEP170

Alternative Name: CEP170 ([CEP170 Products](#))

Background: Centrosomal protein of 170 kDa (Cep170) (KARP-1-binding protein) (KARP1-binding protein),FUNCTION: Plays a role in microtubule organization (PubMed:15616186). Required for centriole subdistal appendage assembly (PubMed:28422092).
{ECO:0000269|PubMed:15616186, ECO:0000269|PubMed:28422092}.

Molecular Weight: 175.3 kDa

UniProt: [Q5SW79](#)

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