

Datasheet for ABIN7564034
CEP170 Protein (AA 1-1588) (His tag)



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Overview

Quantity:	1 mg
Target:	CEP170
Protein Characteristics:	AA 1-1588
Origin:	Mouse
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:	<p>MSLTSWFLVS SGGTRHRLPR EMIFVGRDDC ELMLQSRSDV KQHAVINYDA SMDEHLVKDL GSLNGTFVND VRIPEQTYIT LKLEDKLRFG YDTNLFTVVR GEMRVPEEAL KHEKFTIQLQ LSQKSSESEL PKSASAKGTD SKVEAAAEVQ PRATEALKSE EKPMDSAMP RGTPLYGQPS WWGDAEEDEQ RAFKANGKPE GKSQEAGASG CSTEAKHVEG QSAAASEEAL FPFCREPSYF EIPTKEFQQP SQIAESTIHE IPTKDTPSSH TAGAGHASFT IEFDDSTPGK VTIRDHVTKF TSDQRHKSCK ASPGTQDLPG IQTGMMAPEN KVADWLAQNN PPQMVWERTE EDSKSIKSDV PVYLKRLKGN KHDDGTQSDS ENAGAHRRCS KRATLEEHLR RHHSEQKKKA QSTEKHQEQA ATSSTHHRGG HGVPHGKLLK QKSEEPSVSL PFLQTALLRS SGSLGHRPSQ EMDVMLKNQA TSASSEKDND DDQSDKGYT IELENPNSEE VEARKMIDKV FGVDDNQDYN RPIINEKHKG LIKDWALNSA AVVMEERKPL STPGFHNSSE AISSSGSKRW VSQWASLAAN HTRHDPEERL MELSATVENE TDTGDAGVSL RSTSC T TSLA SQGERKRRTL PQLPNEEKLL ESSRAKVVPQ RSEIGE KQDT ELQEKAQVY QSEKHDADRG LSKMSRAVNG ESPKTGGDGK ALLHSGSSSS</p>

KEKSETEKET SLVKQTLAKM QQEQKEQAQ WPTPKFPSKN ALGHIDKCRE ESSKQESQLL
EKVSGHSTSK GDRVIQNESK RRKAEIIPKC QASKGDKKES SKSLVRQGSF TIDKPSSNIP
IELIPHINKQ NSSVPTALAL TSASRLRERS DSLDTDSSMD TTLILKDTEA VMAFLEAKLR
EDNNKTDEGP DTPSYNRDNS ISPESDVRTA STISLVTGET ERKSTQKRKS FTSLYKDRCS
TSSPSKDVTK SGSREKIEKK AKSRSADIGA RADGRKFVQS SGRIRQPSID LTDDDQTSSV
PHSAISDIMS SDQETYSCKS HGRTPPTSAD EHNIHSLKLEG GKATKSKTSP VASGSTSKST
TLPRRPRTRT SLLRRARLGE ASDSELADAD KASVASEVST TSSTSKPPTG RRTISRIDLL
AQRPRTRLGS LSARSDSEAT ISRSSASART AEA VIRSGAR LVPSDKLSPR TRANSISRLS
DSKVKSMSST HGSPSVNSRW RRFPTDYAST SEDEFSGN RN SPKHTRLR TS PALKTTRMQS
TGSAMPASSS FKHRIKEQED YIRDWTAHRE EIARISQDLA LIAREINDVA GEIDSVTSSG
TAPSTTVSTA ATTPGSAIDT REEVGDLHGE MHKLVDRVFD ESLNFRKIPP LVHSKTPEGN
NGRSVDSRPQ PAEHPDHLTI TRRRTWSRDE VMGDNLLLSS VFQFSRKIRQ SIDKTAGKIR
ILFKDKDRNW DDIENKLRAE SEVPIVKTSS MEISSILQEL KRVEKQLQVI NAMIDPDGTL
EALNNMGFPN AILPSPPKQK SSPVNNHSSP SQTALCPPE TRALHPAAAG VAAAASTEFE
NAESEADFSI HFNRFPDGE EEDVTVHE **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.

Product Details

Purity:	> 90 % as determined by Bis-Tris PAGE, anti-tag ELISA, Western Blot and analytical SEC (HPLC)
Grade:	custom-made

Target Details

Target:	CEP170
Alternative Name:	Cep170 (CEP170 Products)
Background:	Centrosomal protein of 170 kDa (Cep170),FUNCTION: Plays a role in microtubule organization. Required for centriole subdistal appendage assembly. {ECO:0000250 UniProtKB:Q5SW79}.
Molecular Weight:	175.1 kDa
UniProt:	Q6A065

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