

Datasheet for ABIN7553306
CEP126 Protein (AA 1-1117) (His tag)



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Overview

Quantity:	1 mg
Target:	CEP126
Protein Characteristics:	AA 1-1117
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This CEP126 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant CEP126 Protein expressed in mammalian cells.
Sequence:	MLAGRPGTRS AVGELGTESS DNLDRAPLGP RESGGHHRPG SYLDMKIHLE KNLEEEERQIL LQQQKICRNR ARKYFVESNR RKKAFEEKRK EQEKEHQIR EQILQQRKQK FEEVTEKFQR AHVPLSQRRK AVSRKVPVPL EEALKQIQES NLKSEVNLPF SRRPTINWRA IDSALPSALS KNDHKHQKQL LSKINCEKEM NENMRATLAT SKNVFQLKLE ETQKLLLEDQH LSNLQKFCDE VNQITNSETL SSIDSLEATE HEEIYLTLNK EHSTSIQRNT ISLKPANMQS TNLSCFDEDK LAFSKTQHIN NWLTNLDASN TQNVTAFSDI LSKSNVLPVSW EYFNSKEQNP SPLNGTVERA TNTANNSVPF VSSPPMFVLD KKCEKTSETS TMRTTDSTSG AFKRERPLVT ESPTFKFSKS QSTSDSLTQE VATFPDQEKY SELNQENGT SIPTSCVPVA TPLVLPVLSNIQ SARPSAKNSI HIKEIDAVQC SDKLDELKDG KEEIYFNC NKEELPLFSD SFQDAYIPHN PDSKDEKQKL AETSSLSNVT SNYDFVGQHK KMKYNIHERN GVRFLKSILK KESKYEHEGYL KALIINQSFK FGNQKAAAIR DSIELTKEKG AEIPKTIKKL RWFDETSNIE NNAENSHSLK NKTGTTQQHS QQFHIQSGAG SNIISVSTCA VNSADTKKSR EDSISENVTT LGGSGADHMP LNCFIPSGYN

Product Details

FAKHAWPASK KEESKIPVHD DSKTKQGKPQ RGRAKIIRKP GSAKVQSGFI CTNRKGAVIQ
PQSASKVNIF TQAQGLIIP CPPPQSTSNI RSGKNIQVSQ CQPVTENPQ NIITHNSFNS
KHVLPTEHSL NQWNQESSP LSNACSDLVT VIPSLPSYCS SECQTFAKIN HSNGTQAVAR
QDATLYCTQR SPVCEESYPS VTLRTAEEES VPLWKRGPV LHQNKRTGS TVMRRKRIAE
TKRRNILEQK RQNPQSVGQK YSEQINNFGQ SVLLSSSEPK QTTRGTSYIE EVSDSTSEFL
MAENLVKASV PEDEILTVLN SKQIQKSNLP LNKTKQFNIC TLSAEEQKIL ESLNDLSERL
HYIQESICKN PSIKNTLQII PLEKREDRT SSCRDKR **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: CEP126

Alternative Name: CEP126 ([CEP126 Products](#))

Background: Centrosomal protein of 126 kDa,FUNCTION: Participates in cytokinesis (PubMed:19799413).

Target Details

Necessary for microtubules and mitotic spindle organization (PubMed:24867236). Involved in primary cilium formation (PubMed:24867236). {ECO:0000269|PubMed:19799413, ECO:0000269|PubMed:24867236}.

Molecular Weight: 125.9 kDa

UniProt: [Q9P2H0](#)

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