

Datasheet for ABIN7564089
CEP135 Protein (AA 1-1140) (His tag)



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Overview

Quantity:	1 mg
Target:	CEP135
Protein Characteristics:	AA 1-1140
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This CEP135 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant Cep135 Protein expressed in mammalian cells.
Sequence:	MTTAAERKYI NIRKRLDQLG YRQTLSDVSL PLVEKLFSDL VHTTESLRQC RLSSGKAEKE SANLDFVLEP YKLENTLRLNK ENNELYLELM KLRECS DKHI KDLKTTLKKC SRETADLKFL NNQYVHKVKV LEKESKAKDE KIQQLQEKNL RAVVQTPGGR KRNIARRRQR MQIDEPAPPS EVSAYPVPQP EDPYIADLLQ VADNRIQELQ EEVQQLQEKL AQMEKGVLDY SKQIELRERE IQRLSLALDG GCSPDVLSLE TRNKTNEKLI AHLNVQVDFL QQANKELEKH IQELMETKET VTTEVNLNSN RNEKLCQELT EIDQLAQRLE RHKEQVLETA DKELGEAKKE IKRNLCEMRN LEEKMSKLQW ELDLSHKEKE RLNSELLLKS DLETVVHGLE QEKQRLSKKL QSFAVTEREL TLEVERMRLE HGIKRRDKSP SRLDTFLKGI EEERDYKKE LEKLQH LIQR RSCAINYSAR EKPPVVKCSE KGDCSTDVHL ITRERDELQR MLERFEKYME DIQSNVLLT AERDKLNVLY KEAKEELSTL RKESTNSTSP NHLVSCVEKE KERALSELRR ITAEKEALRE KLKNIQERNA VGKSDLEKTI EHLTYINHQL ENEKYELQSK MLMMKETVES LENKSKLQAQ KLSHVTGDSS HQKTEMTSLR IVSEQLQRSL DDCQHRLSIK RGELESAQEQ IKMLEQKLEN LSHRMTVQSE

Product Details

ETHAMKKTIG VMDKEKDFLQ ETVDEKTEKI ANLQESLLSK EKVIAQLKVT VAEYETSLNQ
LQETLTTRDR EINSRRQLD ASHKELDDVG KSREISFKEN RRLQDDLATM ARENQEISLE
LEAAVQEKEE MKSRVHKYIT EVSRWESLMA AKEKENKDLL DRFQMLHSRA EDWEVKAQQA
EGENSSVRLE LLSIDTERRH LRERVDLLEK EIQEHINAAH AYESQISSMA KAMSQLEEEL
RRHESEKATM LGDVSSLREL CIKLDSGKDV MTQQLNSKSL ELERAVAELE NVKSESELLK
KQLTNERQTI KNLESLLATN RDKEFQSHLT SHEKDTEIQL LKEKLNLSSES KLTTQSRETS
MLRTKVTQLQ TDYDNLKRQM SNEKYERERA IQEMRRLGLP TSPLSSTLKS PVQTPDHINA

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: CEP135

Alternative Name: Cep135 ([CEP135 Products](#))

Background: Centrosomal protein of 135 kDa (Cep135) (Centrosomal protein 4),FUNCTION: Centrosomal

Target Details

microtubule-binding protein involved in centriole biogenesis. Acts as a scaffolding protein during early centriole biogenesis. Required for the targeting of centriole satellite proteins to centrosomes such as of PCM1, SSX2IP and CEP290 and recruitment of WRAP73 to centrioles. Also required for centriole-centriole cohesion during interphase by acting as a platform protein for CEP250 at the centriole. Required for the recruitment of CEP295 to the proximal end of new-born centrioles at the centriolar microtubule wall during early S phase in a PLK4-dependent manner (By similarity). {ECO:0000250|UniProtKB:Q66GS9}.

Molecular Weight: 133.3 kDa

UniProt: [Q6P5D4](#)

Pathways: [M Phase](#), [SARS-CoV-2 Protein Interactome](#)

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