

Datasheet for ABIN7553294
CCSAP Protein (AA 1-270) (His tag)



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Overview

Quantity:	1 mg
Target:	CCSAP
Protein Characteristics:	AA 1-270
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This CCSAP protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant CCSAP Protein expressed in mammalian cells.
Sequence:	MSPGSGVKSE YMKRYQEPRW EEYGPCYREL LHYRLGRRLL EQAHAPWLWD DWGPAGSSED SASSESSGAG GPAPRCAPPS PPPPVEPATQ EEAERRARGA PEEQDAEAGD AEAEDAEDAA LPALPVKDVE DKPEQQRTRR ETDKSPTSTE PRQQPSALFA RGNRKAVKSP QRSSSKIKEN KHPFALYGWG EKQTDTSQK THNVCASAPV HEIHESALRA KNRRQVEKRK LVAQRQRAHS VDVEKNRKMK ASSSENPWMT EYMRCYSARA 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:

Product Details

- 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:	CCSAP
Alternative Name:	CCSAP (CCSAP Products)
Background:	Centriole, cilia and spindle-associated protein,FUNCTION: Plays a role in microtubule (MT) stabilization and this stabilization involves the maintenance of NUMA1 at the spindle poles. Colocalizes with polyglutamylated MTs to promote MT stabilization and regulate bipolar spindle formation in mitosis. Binding of CCSAP to centrosomes and the spindle around centrosomes during mitosis inhibits MT depolymerization, thereby stabilizing the mitotic spindle (PubMed:26562023). May play a role in embryonic development. May be required for proper cilia beating (By similarity). {ECO:0000250 UniProtKB:Q6P3G4, ECO:0000269 PubMed:26562023}.
Molecular Weight:	30.2 kDa
UniProt:	Q6IQ19

Application Details

Application Notes:	We expect the protein to work for functional studies. As the protein has not been tested for
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Application Details

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
