

Datasheet for ABIN7557931  
**CEP70 Protein (AA 1-616) (His tag)**



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## Overview

Quantity:	1 mg
Target:	CEP70
Protein Characteristics:	AA 1-616
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This CEP70 protein is labelled with His tag.

## Product Details

Purpose:	Custom-made recombinant Cep70 Protein expressed in mammalian cells.
Sequence:	MTEGSQIFLL PISTSDSTKE PLSPVASKAQ DPSLLSNRLM IEKQEEAEW ESINGLLMTH GFKPLCLVKG ADLRDFIVFD KQSSQKMRQI LKTLMEETTR QQSMIRELIE TNQQLKSELQ LEQNRAAHQE QRANDLQQIM DSVKSKIGEL EDESLNRVCQ QQNRIKDLQK EYKMLQMKCQ QYKKNRMEQE GTIASLQKEI HRLAKEEEEEER ILTQNRVFAH LCRRVPHSVL DKQLLCLIDY YECKLRKLHI QRQFEEDSQS EEKDFTNLGA SPNYKGVLMs LQKQLKESKS RIDVLVGEKL SLQKDLENRP TEHELRLYKQ QVKKLEKTLK KNIKLQDLIG QKKSDDTEKK DEPSKDSHQQ ALIEQSYFQV LCSINSIVHN PRAPVIYKQ SKGRAPNGNK DIGQDCGFEH LVPIIEMWVD ELTSLKDLYK SLKILSAELV PWHSLKKLDE KEGVKVGDLL FMVDTMLEEV ENQKETSSTP NSQTLQAIVS HFQKLFQVQS LNGVFPRMNE VYTRLGEMNN AVRNLQELLE LDSSSSLCVV VSTVGKLCEI INKDVSEQVK QVLGPEDLQS IIKKLEEHHEE FFPAFQAFAN DLLEILEIDD LDAIVPAVKK LKILSY <b>Sequence without tag. The proposed Purification-Tag is based on experiences with the expression system, a different complexity of the protein could make</b>

## Product Details

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**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

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**Target:** CEP70

**Alternative Name:** Cep70 ([CEP70 Products](#))

**Background:** Centrosomal protein of 70 kDa (Cep70),FUNCTION: Plays a role in the organization of both preexisting and nascent microtubules in interphase cells. During mitosis, required for the organization and orientation of the mitotic spindle (By similarity). {ECO:0000250}.

**Molecular Weight:** 71.1 kDa

**UniProt:** [Q6IQY5](#)

**Pathways:** [M Phase](#)

## Application Details

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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.

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Restrictions: For Research Use only

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## Handling

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Format: Liquid

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Buffer: The buffer composition is at the discretion of the manufacturer.

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Handling Advice: Avoid repeated freeze-thaw cycles.

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Storage: -80 °C

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Storage Comment: Store at -80°C.

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Expiry Date: 12 months

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