

Datasheet for ABIN7553170 CENPN Protein (AA 1-339) (His tag)



[Go to Product page](#)

Overview

| | |
|-------------------------------|--|
| Quantity: | 1 mg |
| Target: | CENPN |
| Protein Characteristics: | AA 1-339 |
| Origin: | Human |
| Source: | HEK-293 Cells |
| Protein Type: | Recombinant |
| Purification tag / Conjugate: | This CENPN protein is labelled with His tag. |

Product Details

| | |
|------------------|--|
| Purpose: | Custom-made recombinant CENPN Protein expressed in mammalian cells. |
| Sequence: | <p>MDETVAEFIK RTILKIPMNE LTTILKAWDF LSENQLQTVN FRQRKESVVQ HLIHLCCEKR ASISDAALLD IYMQFHQHQ KWEVFQMSK GPGEDVDLFD MKQFKNSFKK ILQRALKNVT VSFRETEENA VWIRIAWGTQ YTKPNQYKPT YVVYYSQTPY AFTSSSMLRR NTPLLGQALT IASKHHQIVK MDLRSRYLDS LKAIVFKQYN QTFETHNSTT PLQERSLGLD INMDSRIIHE NIVEKERVQR ITQETFGDYP QPQLEFAQYK LETKFKSGLN GSILAEREER LRCLIKFSSP HLLLEALKSLA PAGIADAPLS PLLTCIPNKR MNYFKIRDK 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.</p> |
| 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: | CENPN |
| Alternative Name: | CENPN (CENPN Products) |
| Background: | <p>Centromere protein N (CENP-N) (Interphase centromere complex protein 32),FUNCTION: Component of the CENPA-NAC (nucleosome-associated) complex, a complex that plays a central role in assembly of kinetochore proteins, mitotic progression and chromosome segregation. The CENPA-NAC complex recruits the CENPA-CAD (nucleosome distal) complex and may be involved in incorporation of newly synthesized CENPA into centromeres. CENPN is the first protein to bind specifically to CENPA nucleosomes and the direct binding of CENPA nucleosomes by CENPN is required for centromere assembly. Required for chromosome congression and efficiently align the chromosomes on a metaphase plate.</p> <p>{ECO:0000269 PubMed:16622419, ECO:0000269 PubMed:16716197, ECO:0000269 PubMed:18007590, ECO:0000269 PubMed:19543270}.</p> |
| Molecular Weight: | 39.6 kDa |
| UniProt: | Q96H22 |

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 |
|--------------|-----------|
