

Datasheet for ABIN7546546
CINP Protein (CINP) (AA 1-212) (His tag)



[Go to Product page](#)

Overview

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|-------------------------------|---|
| Quantity: | 1 mg |
| Target: | CINP |
| Protein Characteristics: | AA 1-212 |
| Origin: | Human |
| Source: | HEK-293 Cells |
| Protein Type: | Recombinant |
| Purification tag / Conjugate: | This CINP protein is labelled with His tag. |

Product Details

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|------------------|---|
| Purpose: | Custom-made recombinant CINP Protein expressed in mammalian cells. |
| Sequence: | MEAKTLGTVT PRKPVLSVSA RKIKDNAADW HNLILKWETL NDAGFTTANN IANLKISLLN KDKIELDSSS PASKENEKVK CLEYNEELEK LCEELQATLD GLTKIQVKME KLSSTTKGIC ELENYHYGEE SKRPPLFHTW PTTHFYEVSH KLLMYRKEL LLKRTVAKEL AHTGDPDLTL SYLSMWLHQP YVESDSRLHL ESMLLETGHR AL 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: <ul style="list-style-type: none">• Made to order protein - from design to production - by highly experienced protein experts. |

Product Details

- 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.

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| 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: | CINP |
| Alternative Name: | CINP (CINP Products) |
| Background: | Cyclin-dependent kinase 2-interacting protein (CDK2-interacting protein),FUNCTION: Component of the DNA replication complex, which interacts with two kinases, CDK2 and CDC7, thereby providing a functional and physical link between CDK2 and CDC7 during firing of the origins of replication (PubMed:16082200, PubMed:19889979). Regulates ATR-mediated checkpoint signaling in response to DNA damage (PubMed:19889979). Also involved in the cytoplasmic maturation steps of pre-60S ribosomal particles by promoting the release of shuttling protein RSL24D1/RLP24 from the pre-ribosomal particles (PubMed:35354024). Promotes maturation of pre-60S ribosome together with AFG2A, AFG2B and AIRIM (PubMed:35354024). {ECO:0000269 PubMed:16082200, ECO:0000269 PubMed:19889979, ECO:0000269 PubMed:35354024}. |
| Molecular Weight: | 24.3 kDa |
| UniProt: | Q9BW66 |

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
