

Datasheet for ABIN7553377

## CCNB1IP1 Protein (AA 1-277) (His tag)



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### Overview

|                               |   |
|-------------------------------|---|
| Quantity:                     | 1 mg  |
| Target:                       | CCNB1IP1  |
| Protein Characteristics:      | AA 1-277  |
| Origin:                       | Human   |
| Source:                       | HEK-293 Cells                                   |
| Protein Type:                 | Recombinant                                     |
| Purification tag / Conjugate: | This CCNB1IP1 protein is labelled with His tag. |
| Application:                  | Western Blotting (WB), SDS-PAGE (SDS)           |

### Product Details

|                  |  |
|------------------|--|
| Purpose:         | Custom-made recombinat CCNB1IP1 Protein expressed in mammalian cells.  |
| Sequence:        | <p>MSLCEDMLLC NYRKCRILS GYAWVTACSH IFCDQHSGE FSRSPAICPA CNSTLSGKLD</p> <p>IVRTELSPSE EYKAMVLAGL RPEIVLDISS RALAFWTYQV HQRLYQEYN FSKAEGHLKQ</p> <p>MEKIYTQQIQ SKDVELTSMK GEVTSMKKVL EEYKKKFSDI SEKLMERNRQ YQKLQGLYDS</p> <p>LRLRNITIAN HEGTLEPSMI AQSGVLGFPL GNNSKFPLDN TPVRNRGDGD GDFQFRPFFA</p> <p>GSPTAPEPSN SFFSFVSPSR ELEQQQVSSR AFKVKRI <b>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.</b></p> |
| Characteristics: | <p>Key Benefits:</p> <ul style="list-style-type: none"> <li>Made to order protein - from design to production - by highly experienced protein experts.</li> </ul>  |

## 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.

|         |   |
|---------|---|
| Purity: | > 90 % as determined by Bis-Tris Page, Western Blot |
| Grade:  | custom-made   |

## Target Details

|                   |   |
|-------------------|---|
| Target:           | CCNB1IP1  |
| Alternative Name: | CCNB1IP1 ( <a href="#">CCNB1IP1 Products</a> )  |
| Background:       | <p>E3 ubiquitin-protein ligase CCNB1IP1 (EC 2.3.2.27) (Cyclin-B1-interacting protein 1) (Human enhancer of invasion 10) (RING-type E3 ubiquitin transferase CCNB1IP1),FUNCTION: Ubiquitin E3 ligase that acts as a limiting factor for crossing-over during meiosis: required during zygonema to limit the colocalization of RNF212 with MutS-gamma-associated recombination sites and thereby establish early differentiation of crossover and non-crossover sites. Later, it is directed by MutL-gamma to stably accumulate at designated crossover sites. Probably promotes the dissociation of RNF212 and MutS-gamma to allow the progression of recombination and the implementation of the final steps of crossing over (By similarity). Modulates cyclin-B levels and participates in the regulation of cell cycle progression through the G2 phase. Overexpression causes delayed entry into mitosis. {ECO:0000250, ECO:0000269 PubMed:12612082, ECO:0000269 PubMed:17297447}., FUNCTION: E3 ubiquitin-protein ligase. Modulates cyclin B levels and participates in the regulation of cell cycle progression through the G2 phase. Overexpression causes delayed entry into mitosis.</p> |
| Molecular Weight: | 31.5 kDa  |

## Target Details

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UniProt: [Q9NPC3](#)

## Application Details

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Application Notes: In addition to the applications listed above we expect the protein to work for functional studies as well. As the protein has not been tested for functional studies yet we cannot offer a guarantee though.

Restrictions: For Research Use only

## Handling

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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