

Datasheet for ABIN7563005

Cyclin B1 Protein (CCNB1) (AA 1-430) (His tag)



[Go to Product page](#)

Overview

Quantity:	1 mg
Target:	Cyclin B1 (CCNB1)
Protein Characteristics:	AA 1-430
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This Cyclin B1 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant Ccnb1 Protein expressed in mammalian cells.
Sequence:	<p>MALRVTRNTK INAENKAKVS MAGAKRVPVT VTAASKPGLR PRTALGDIGN KVSEELQARV PLKREAKTLG TGKGTVKALP KPVEKVPVCE PEVELAEPEP EPELEHVREE KLSPEPILVD NPSPSPMETS GCAPAEAYLC QAFSDVILAV SDVDADDGAD PNLCSEYVKD IYAYLRQLEE EQSVRPKYLQ GREVTGNMRA ILIDWLIQVQ MKFRLLQETM YMTVSIIDRF MQNSCVPKKM LQLVGVTAMF IASKYEEMYP PEIGDFAFVT NNTYTKHQIR QMEMKILRVL NFSLGRPLPL HFLRRASKVG EVDVEQHTLA KYLMELSMMLD YDMVHFAPSQ IAAGAFCLAL KILDNGEWTP TLQHYLSYSE DSLLPVMQHL AKNVVMVNCG LTKHMTVKNK YAASKHAKIS TLAQLNCTLV QNLSKAVTKA 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.

Product Details

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)
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Grade:	custom-made
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Target Details

Target:	Cyclin B1 (CCNB1)
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Alternative Name:	Ccnb1 (CCNB1 Products)
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Background:	G2/mitotic-specific cyclin-B1,FUNCTION: Essential for the control of the cell cycle at the G2/M (mitosis) transition.
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Molecular Weight:	48.1 kDa
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UniProt:	P24860
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Pathways:	Cell Division Cycle , AMPK Signaling , Mitotic G1-G1/S Phases , M Phase
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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.
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Restrictions:	For Research Use only
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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