

[Go to Product page](#)

Datasheet for ABIN7553104

Cyclin B3 Protein (CCNB3) (AA 1-1395) (His tag)

Overview

Quantity:	1 mg
Target:	Cyclin B3 (CCNB3)
Protein Characteristics:	AA 1-1395
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This Cyclin B3 protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

Product Details

Purpose:	Custom-made recombinat CCNB3 Protein expressed in mammalian cells.
Sequence:	MLLPLPPQSS KPVPKKSQSS KIVPSHHDPS EKTGENCQTK ISPSSLQESP SSLQGALKKR SAFEDLTNAS QCQPVPQPKKE ANKEFVKVVS KINRNTAL GLAKKNRNL KWHKLEVTPV VASTTVVNI MEKPLILDIS TTSKTPNTEE ASLFRKPLVL KEEPTIEDET LINKSLSLKK CSNHEEVSL EKLQPLQES DSDDAFVIEP MTFKTHKTE EAAITKKTLS LKKKMCASQR KQSCQEECLA VQDVNMEEDS FFMESMSFKK KPKTEESIPT HKLSSLKKK TIYGKICHFR KPPVLQTTIC GAMSSIKKPT TEKETFQEL SVLQEKHTTE HEMSILKSL ALQKTNFKED SLVKESLAFK KKPSTEEAIM MPVILKEQCM TEGKRSRLKP LVLQEITSGE KSLIMKPLSI KEKPSTEKES FSQEPSALQK KHTTQEEVSI LKEPSSLLKS PTEESPFDEA LAFTKKCTIE EAPPTKKPLI LKRKHATQGT MSHLKKPLIL QTTSGEKSLI KEPLPFKEEK VSLKKKCTTQ EMMSICPELL DFQDMIGEDK NSFFMEPMSF RKNPTTEETV LTKTSLSLQE KKITQGMKSH LKKPLVLQKI TSEESFYKK LLPFKMKSTT EEKFLSQEPS ALKEKHTTLQ EVSLSKESLA

IQEKATTEEE FSQELFSLHV KHTNKGSLF QEALVLQEK DAEEDSLKNL LALQEKSTME
EESLINKLLA LKEELSAEAA TNIQTQLSLK KKSTSHGKVF FLKKQLALNE TINEEEFNLK
QPLALEGYPS IAEGETLFKK LLAMQEEPSI EKEAVLKEPT IDTEAHFKEP LALQEEPSTE
KEAVLKEPSV DTEAHFKETL ALQEKPSIEQ EALFKRHSAL WEKPSTEKET IFKESLDLQE
KPSIKKETLL KKPLALKMST INEAVLFEDM IALNEKPTTG KELSFKEPLA LQESPTYKED
TFLKTLVPQ VGTSPNVSST APESITSKSS IATMTSVGKS GTINEAFLFE DMITLNEKPT
TGKELSFKEP LALQESPTCK EDTFLETFLI PQIGTSPYVF STTPESITEK SSIATMTSVG
KSRTTTESSA CESASDKPVS PQAAGTPKEI TPREDIDEDS SDPSFNPMYA KEIFSYMKER
EEQFILTDYM NRQIEITSDM RAILVDWLVE VQVSFEMTHE TLYLAVKLVD LYLMKAVCKK
DKLQLLGATA FMIAAKFEEH NSPRVDDFVY ICDDNYQRSE VLSMEINILN VLKCDINIPI
AYHFLRRYAR CIHTNMKTLT LSRVICEMTL QEYHYVQEKA SKLAAASLLL ALYMKKLGYW
VPFLEHYSY SISELHPLVR QLNKLLTFSS YDSLKAVYYK YSHPVFFEVA KIPALDMLKL
EEILNCDCEA QGLVL **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.**

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, Western Blot

Grade: custom-made

Target Details

Target: Cyclin B3 (CCNB3)

Target Details

Alternative Name:	CCNB3 (CCNB3 Products)
Background:	G2/mitotic-specific cyclin-B3,FUNCTION: Cyclins are positive regulatory subunits of the cyclin-dependent kinases (CDKs), and thereby play an essential role in the control of the cell cycle, notably via their destruction during cell division. Its tissue specificity suggest that it may be required during early meiotic prophase I. {ECO:0000269 PubMed:12185076}.
Molecular Weight:	157.9 kDa
UniProt:	Q8WWL7
Pathways:	Cell Division Cycle, Chromatin Binding

Application Details

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

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