

Datasheet for ABIN7564312

Cyclin B3 Protein (CCNB3) (AA 1-1396) (His tag)[Go to Product page](#)

Overview

Quantity:	1 mg
Target:	Cyclin B3 (CCNB3)
Protein Characteristics:	AA 1-1396
Origin:	Mouse
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 mammalien cells.
Sequence:	MPPPLLPKRS KLETEKAQSN KITPREEQQS EKIGKSNHAA SSSSSSTQGA VKRRSVFEDV TNASHSQCVQ SKEDNIELKS HVSKRTKKGV GEVTQKKIKS SKMGHVTSL S NMEKEFILD I PNKPKTLTTE EPSVFQKTLV LNEEPATKET CLMRKTLKSC AFHQETLLME KPLTLLVETE DYNEFDTELM TSKKKDKPED PTIIEEMTDL KKS VIRKVTL TSSPLWLKNK HVVQEEKPVI QEKSSFKRIS LVS NVVTTKE KPPVKKPHFR KKKPTTEMKS LLQEPSLEEK YNTQEDASIL KKPQVLQENT NNKDATL TEP VTFKKGHSAN EATHTKKPSS SKNNPDPQ GK GTNLRPLRVH PVTYENEPMS SKKSTTKK KD SHFHGPSVLP DKHSPQMEVS TVK KSLALPN PTTEEKMLHF PVATVLEKQH NMGEAPCLKK PSPLRQKQQL PKRRRFFS NS AVQETVIRKP LFFKMSTTEK DPPSQWPSAL P KKHISPGEL SKQKQHVSP KHNMEEDSQ C WLD SAFKKQL SREEPASTHT PLKLEMQQAI TKETGFHLRN PLVLPVTSE AKSLTKEPPS FREQNTSLLK RKSTHTITL QQAQSEWQEM TDEDRLFSI KPGSHRKEPI PEFLQNPLPP NENCLISQKL SHSMPFASQK

TTSQERHRK ESVASNDDKN FFSQDLFSPF SSAEDTLKF HKSLDFQEQV DRKNDSHKKM
FDSQDSVSEE ESFLRKLFCCK DRCSSTEELS QERTVALEQE FLLIKILNEN TSSDVDEPLS
HQSPHIQNHSDTTKEALEAS EALEAPEALE TLEALVASED LEEPLNILEE LSTENMVALM
KMLVTEDEST KDSFSGNYTA AREAHAEKSL SLEETSINEA ATLKESLSSQ EKHRAELVTV
LKELLVLMKN PSLKRVALAF QENPSNNVET LLREVLALVE NSTADESTLQ EKPSTKTDVT
PKELLALEEN SSNKKANPMD SLSFDHKPDT EMGEIARMVL TDEEYNIDTL YERVLALSQG
LIAADQLSFT DLQNFEEETKI VDEEEFFKSF LVFENKNSPN MSSNAFESRT DNSSAIMPSS
KAFNPVENSNNPYVSSSKSFK STLGAKETEI TIQDDSDSLE RIEKEGQDPL LNTIYAKDVF
NYLKEREKFK LVQKYMDGQM ELTSDMRALVDWLVEIQGS FQMTHETLYL AVKIMDLYLM
KAQCKKNHLQ LLGSTTYMIA AKFEESYPPS LSEFLFICED MYEKSDMVSL ESSILQTLNF
DINIPTAYNF LRRYASCIHA SMKTLTLSRF ICEMTLQEYE YIEERPSKLA AASFILALYM
RNLSNCVPTL EYFTGYKMAE LHILVRKLNH LLNFRSHSIL KNVFEKYSEE TYFEVAKIPP
LSKQDLENLL NCALFH

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 (By similarity). {ECO:0000250}.
Molecular Weight:	159.0 kDa
UniProt:	Q810T2
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