

AR50407PU-N**Human Cyclin B2 (1-398, His-tag) - Purified**

Alternate names:	CCNB2, Cyclin-B2
Quantity:	0.25 mg
Concentration:	0.25 mg/ml (determined by Bradford assay)
Background:	CCNB2, also known as G2/mitotic-specific cyclin-B2, belongs to the cyclin family. CCNB2 is essential for the control of the cell cycle at the G2/M (mitosis) transition. It interacts with the CDK1 protein kinase to form a serine/threonine kinase holoenzyme complex also known as maturation promoting factor (MPF).
Uniprot ID:	O95067
NCBI:	NP_004692
GeneID:	9133
Species:	Human
Source:	E. coli
Format:	State: Liquid purified protein Purity: >90% by SDS - PAGE Buffer System: 20 mM Tris-HCl buffer (pH8.0) containing 50% glycerol, 0.2M NaCl, 5mM DTT
Description:	Recombinant human CCNB2 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography. AA Sequence: MGSSHHHHH SSGLVPRGSH MGSMMALLRR PTVSSDLENI DTGVNSKVKS HVTIRRTVLE EIGNRVITRA AQVAKKAQNT KVPVQPTKTT NVNKQLKPTA SVKPVQMEKL APKGPSPSTPE DVSMKEENLC QAFSDALLCK IEDIDNEDWE NPQLCSDYVK DIYQYLRQLE VLQSNPHFL DGRDINGRMR AILVDWLQV HSKFRLQET LYMCVGIMDR FLQVQVSRK KLQLVGITAL LLASKYEEMF SPNIEDFVYI TDNAYTSSQI REMETLILKE LKFELGRPLP LHFLRRASKA GEVDVEQHTL AKYLMELTLI DYDMVHYHPS KVAAAASCLS QKVLGQGWKWN LKQYYTGYT ENEVLEVMQH MAKNVVKVNE NLTKFIAIKN KYASSKLLKI SMIPQLNSKA VKDLASPLIG RS Molecular weight: 47.9 kDa (422aa) confirmed by MALDI-TOF
Storage:	Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer. Avoid repeated freezing and thawing. Shelf life: one year from despatch.
General Readings:	Wang B., et al. (2008) Anal. Chem. 80:9526-9533 Dephoure N., et al. (2008) Proc. Natl. Acad. Sci. U.S.A. 105:10762-10767

Pictures:

