

Product datasheet for **TP311260L**

Cyclin B2 (CCNB2) (NM_004701) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human cyclin B2 (CCNB2), 1 mg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC211260 protein sequence Red =Cloning site Green =Tags(s)

MALLRRPTVSSDLENIDTGVNSKVKSHVTIRRTVLEEIGNRVTTTRAAQVAKKAQNTKVPVQPTKTTNVNK
QLKPTASVKPVQMEKLAPKGPSPTPEDVSMKEENLCQAFSDALLCKIEDIDNEDWENPQLCSDYVKDIYQ
YLRQLEVLQSINPHFLDGRDINGRMRAILVDWLQVHVKFRLQETLYMCGIMDRFLQVQPVSRKKLQL
VGITALLASKYEEMFSPNIEDFYITDNAYTSSQIREMETLILKELKFEGRPLPLHFLRRASKAGEVD
VEQHTLAKYLMELTLIDYDMVHYHPSKVAAAASCLSQKVLGQGKWNLKQYYTGYTENEVLEVMQHMAKN
VVKVNNLTKFIAIKNKYASSKLLKISMIPQLNSKAVKDLASPLIGRS

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Predicted MW:	45.1 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	NP_004692
Locus ID:	9133



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UniProt ID: [Q95067](#)

RefSeq Size: 1566

Cytogenetics: 15q22.2

RefSeq ORF: 1194

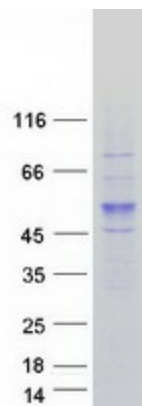
Synonyms: HsT17299

Summary: Cyclin B2 is a member of the cyclin family, specifically the B-type cyclins. The B-type cyclins, B1 and B2, associate with p34cdc2 and are essential components of the cell cycle regulatory machinery. B1 and B2 differ in their subcellular localization. Cyclin B1 co-localizes with microtubules, whereas cyclin B2 is primarily associated with the Golgi region. Cyclin B2 also binds to transforming growth factor beta RII and thus cyclin B2/cdc2 may play a key role in transforming growth factor beta-mediated cell cycle control. [provided by RefSeq, Jul 2008]

Protein Families: Druggable Genome, Stem cell - Pluripotency

Protein Pathways: Cell cycle, Oocyte meiosis, p53 signaling pathway, Progesterone-mediated oocyte maturation

Product images:



Coomassie blue staining of purified CCNB2 protein (Cat# [TP311260]). The protein was produced from HEK293T cells transfected with CCNB2 cDNA clone (Cat# [RC211260]) using MegaTran 2.0 (Cat# [TT210002]).