Recombinant Human CCNB2 Protein, His-Tagged

Cat. No. CCNB2-0654H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human CCNB2 (NP_004692, 1 a.a. - 398 a.a.) full-length recombinant protein with His tag expressed in Escherichia coli.
Species	Human
Source	E.coli
Description	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]
Form	Liquid
Molecular Mass	47.9 kDa
AA Sequence	MGSSHHHHHHSSGLVPRGSHMGSHMALLRRPTVSSDLENIDTGVNSKVKSHVTIRR TVLEEIGNRVTTRAAQVAKKAQNTKVPVQPTKTTNVNKQLKPTASVKPVQMEKLAPK GPSPTPEDVSMKEENLCQAFSDALLCKIEDIDNEDWENPQLCSDYVKDIYQYLRQLE VLQSINPHFLDGRDINGRMRAILVDWLVQVHSKFRLLQETLYMCVGIMDRFLQVQPV SRKKLQLVGITALLLASKYEEMFSPNIEDFVYITDNAYTSSQIREMETLILKELKFELGR PLPLHFLRRASKAGEVDVEQHTLAKYLMELTLIDYDMVHYHPSKVAAAASCLSQKVL

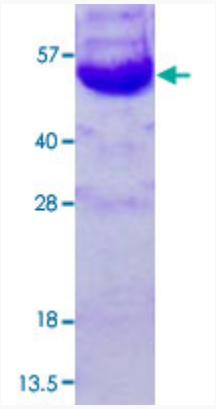
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	GQGKWNLKQQYYTGYTENEVLEVMQHMAKNVVKVNENLTKFIAIKNKYASSKLLKIS MIPQLNSKAVKDLASPLIGRS
Purity	> 90% by SDS-PAGE
Applications	SDS-PAGE
Storage	Store at -20 centigrade. For long term storage store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	In 20mM Tris-HCl buffer, pH 8.0 (50% glycerol, 0.2M NaCl, 5mM DTT).

GENE INFORMATION

Gene Name	CCNB2 cyclin B2 [Homo sapiens]
Official Symbol	CCNB2
Synonyms	CCNB2; cyclin B2; G2/mitotic-specific cyclin-B2; HsT17299;
Gene ID	9133
mRNA Refseq	NM_004701
Protein Refseq	NP_004692
MIM	602755
UniProt ID	O95067

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Quality Control Testing	 3 μg/lane in 15% SDS-PAGE Stained with Coomassie Blue. Due to the protein nature, dimmers and multimers may be observed.

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