

# Recombinant Full Length Human CCNB2 Protein, GST-tagged

**Cat. No.** CCNB2-2962HF    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Human CCNB2 full-length ORF (BAG50905.1, 1 a.a. - 398 a.a.) recombinant protein with GST-tag at N-terminal.                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>Source</b>           | In Vitro Cell Free System                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>ProteinLength</b>    | 398 amino acids                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>Description</b>      | 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] |
| <b>Molecular Mass</b>   | 71.7 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>AA Sequence</b>      | MALLRRPTVSSDLENIDTGVNSKVKSHVTIRRTVLEEIGNRVTTTAAQVAKKAQNTKV<br>PVQPTKTTNVNKLKPTASVKPVQMEKLAPKGPSPTPEDVSMKEENLCQAFSDALL<br>CKIEDIDNEDWENPQLCSDYVKDIYQYLRQLEVLQSINPHFLDGRDINGRMRAILVD<br>WLVQVHSHKFRLLQETLYMCGVIMDRFLQVQPVSRKKLQLVGITALLLASKYEEMFSP<br>NIEDFVYITDNAYTSSQIREMETLILKELKFELGRPLPLHFLRRASKAGEVDVEQHTLA<br>KYLMEITLIDYDMVHYHPSKVAAAASCLSQKVLGQGKWNLKQQYYTGYTENEVLEV                                                                                                                                                                                                   |

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MQHMAKNVVKVNENLTKFIAIKNKYASSKLLKISMIPQLNSKAVKDLASPLIGRS

**Applications**

Enzyme-linked Immunoabsorbent Assay  
Western Blot (Recombinant protein)  
Antibody Production  
Protein Array

**Storage**

Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

**Storage Buffer**

50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

## 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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