

Full-Length

CCNB2 (Human) Recombinant Protein (P01)

Catalog # H00009133-P01

Size 50 ug

Specification

Product Description	Human CCNB2 full-length ORF (BAG50905.1, 1 a.a. - 398 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	MALLRRPTVSSDLENIDTGVNSKVKSHVTIRRTVLEEIGNRVTTTAAQVAKKAQNTKVPVQPTKTT NVNKQLKPTASVKPVQMEKLAPKGPSPTPEDVSMKEENLCQAFSDALLCKIEDIDNEDWENPQL CSDYVKDIYQYLRQLEVLQSINPHFLDGRDINGRMRAILVDWLQVHVKFRLQETLYMCVGIMDRF LQVQPVSRKKLQLVGITALLASKYEEMFSPNIEDFVYITDNAYTSSQIREMETLILKELKFELGRPLP LHFLRRASKAGEVDVEQHTLAKYLMELTLIDYDMVHYHPSKVAAAASCLSQKVLGQGKWNLKQQ YYTGYTENEVLEVMQHMAKNVVKVNENLTKFIAIKNKYASSKLLKISMIPQLNSKAVKDLASPLIGRS
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	71.7
Interspecies Antigen Sequence	Mouse (89); Rat (90)
Preparation Method	in vitro wheat germ expression system
Purification	Glutathione Sepharose 4 Fast Flow
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Best use within three months from the date of receipt of this protein.

Applications

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

- Protein Array

Gene Info — CCNB2

Entrez GeneID [9133](#)

GeneBank Accession# [AK001404.1](#)

Protein Accession# [BAG50905.1](#)

Gene Name CCNB2

Gene Alias HsT17299

Gene Description cyclin B2

Omim ID [602755](#)

Gene Ontology [Hyperlink](#)

Gene 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]

Other Designations -

Pathway

- [Cell cycle](#)
- [p53 signaling pathway](#)

Disease

- [Genetic Predisposition to Disease](#)
- [Ovarian Neoplasms](#)