

Recombinant Human CCNB2 Protein, GST-Tagged

Cat. No. CCNB2-0655H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human CCNB2 full-length ORF (BAG50905.1, 1 a.a. - 398 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
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]
Molecular Mass	71.7 kDa
AA Sequence	MALLRRPTVSSDLENIDTGVNSKVKSHVTIRRTVLEEIGNRVTTTRAAQVAKKAQNTKV PVQPTKTTNVNKQLKPTASVKPVQMEKLAPKGPSPTPEDVSMKEENLCQAFSDALL CKIEDIDNEDWENPQLCSDYVKDIYQYLRQLEVLQSINPHFLDGRDINGRMRAILVD WLVQVHSKFRLLQETLYMCVGIMDRFLQVQPVSRKKLQLVGITALLASKYEEMFSP NIEDFVYITDNAYTSSQIREMETLILKELKFELGRPLPLHFLRRASKAGEVDVEQHTLA KYLMEITLIDYDMVHYHPSKVAAAASCLSQKVLGQGKWNLKQQYYTGYTENEVLEV MQHMAKNVVKVNENLTKFIAIKNKYASSKLLKISMIPQLNSKAVKDLASPLIGRS

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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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