

Recombinant Human CCNB2, His-tagged

Cat. No. CCNB2-27516TH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant fragment, corresponding to amino acids 214-396 of Human Cyclin B2 with N terminal His tag; 183 amino acids, 21kDa.
Species	Human
Source	E.coli
ProteinLength	214-396 a.a.
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.
Conjugation	HIS
Form	Lyophilised:Reconstitute with 119 µl aqua dest.
Storage buffer	Preservative: NoneConstituents: 0.5% Trehalose, 6M Urea, 100mM Sodium phosphate, 10mM Sodium chloride, pH 4.5
Storage	Shipped at 4°C. Upon delivery aliquot and store at -80oC. Avoid freeze / thaw cycles.

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Sequences of amino acids

TALLASKYEEMFSPNIEDFVYITDNAYTSSQIREMETLI LKELKFELGRPLPLHFLRR
 ASKAGEVDVEQHTLAKYLM ELTLIDYDMVHYHPSKVAAAASCLSQKVLGQGKWNL
 KQQY YTGYTENEVLEVMQHMAKNVVKVNENLTKFIAIKNKYA SSKLLKISMIPQLNS
 KAVKDLASPLIG

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

Chromosome Location 15q21.3

Pathway Cell Cycle Checkpoints, organism-specific biosystem; Cell Cycle, Mitotic, organism-specific biosystem; Cell cycle, organism-specific biosystem; Cell cycle, organism-specific biosystem; Cell cycle, conserved biosystem;

Function protein kinase binding;

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