

Recombinant Full Length Human CCNB1 Protein, GST-tagged

Cat. No. CCNB1-2959HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human CCNB1 full-length ORF (NP_114172.1, 1 a.a. - 433 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	433 amino acids
Description	The protein encoded by this gene is a regulatory protein involved in mitosis. The gene product complexes with p34(cdc2) to form the maturation-promoting factor (MPF). Two alternative transcripts have been found, a constitutively expressed transcript and a cell cycle-regulated transcript, that is expressed predominantly during G2/M phase. The different transcripts result from the use of alternate transcription initiation sites. [provided by RefSeq, Jul 2008]
Molecular Mass	74.7 kDa
AA Sequence	MALRVTRNSKINAENKAKINMAGAKRVPTAPAATSKPGLRPRTALGDIGNKVSEQLQ AKMPMKKEAKPSATGKVIDKKLPKPLEKVPMLVPVPVSEPVPEPEPEPEPEPVKEEK LSPEPILVDTASPSMETSGCAPAEEDLCQAFSDVILAVNDVDAEDGADPNLCSEYV KDIYAYLRQLEEEQAVRPKYLLGREVTGNMRAILIDWLQVQVMKFRLQETMYMTVS IIDRFMQNNCVPKKMLQLVGVTAMFIASKYEEMYPPEIGDFAFVTDNTYTKHQIRQM EMKILRALNFGGLGRPLPLHFLRRASKIGEVDVEQHTLAKYLMELTMLDYDMVHFPPS QIAAGAFCLALKILDNGEWTPTLQHYLSYTEESLLPVMQHLAKNVVMVNQGLTKHMT

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VKNKYATSKHAKISTLPQLNSALVQDLAKAVAKV

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

CCNB1 cyclin B1 [Homo sapiens]

Official Symbol

CCNB1

Synonyms

CCNB1; cyclin B1; CCNB; G2/mitotic-specific cyclin-B1; G2/mitotic specific cyclin B1; G2/mitotic-specific cyclin B1;

Gene ID

891

mRNA Refseq

NM_031966

Protein Refseq

NP_114172

MIM

123836

UniProt ID

P14635

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