

Recombinant Human CCNB3 cell lysate

Cat. No. CCNB3-304HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species

Human

Description

The protein encoded by this gene belongs to the highly conserved cyclin family, whose members are characterized by a dramatic periodicity in protein abundance through the cell cycle. Cyclins function as regulators of CDK kinases. Different cyclins exhibit distinct expression and degradation patterns which contribute to the temporal coordination of each mitotic event. Studies of similar genes in chick and Drosophila suggest that this cyclin may associate with CDC2 and CDK2 kinases, and be required for proper spindle reorganization and restoration of the interphase nucleus. Two transcript variants encoding different isoforms have been found for this gene.

Size

100 ul

Storage Buffer

1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue)

Applications

Western Blot;

GENE INFORMATION

Gene Name

CCNB3 cyclin B3 [Homo sapiens]

Official Symbol

CCNB3

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Synonyms	CCNB3; cyclin B3; G2/mitotic-specific cyclin-B3;
Gene ID	85417
mRNA Refseq	NM_033031
Protein Refseq	NP_149020
MIM	300456
UniProt ID	Q8WWL7
Chromosome Location	Xp11
Pathway	Cell cycle, organism-specific biosystem; Cell cycle, organism-specific biosystem; Cell cycle, conserved biosystem; Progesterone-mediated oocyte maturation, organism-specific biosystem; Progesterone-mediated oocyte maturation, conserved biosystem; p53 signaling pathway, organism-specific biosystem; p53 signaling pathway, conserved biosystem;
Function	protein binding; protein kinase binding;