Recombinant Mouse Ccnb1 Protein, His-tagged

Cat. No. CCNB1-2983M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant full length mouse G2/mitotic-specific cyclin-B1(Ccnb1) (1-430) with a N-terminal His tag was expressed in Yeast.
Species	Mouse
Source	Yeast
ProteinLength	1-430 a.a.
Description	This protein 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.
AA Sequence	MALRVTRNTKINAENKAKVSMAGAKRVPVTVTAASKPGLRPRTALGDIGNKVSEELQ ARVPLKREAKTLGTGKGTVKALPKPVEKVPVCEPEVELAEPEPEPELEHVREEKLSP EPILVDNPSPSPMETSGCAPAEEYLCQAFSDVILAVSDVDADDGADPNLCSEYVKDI YAYLRQLEEEQSVRPKYLQGREVTGNMRAILIDWLIQVQMKFRLLQETMYMTVSIID RFMQNSCVPKKMLQLVGVTAMFIASKYEEMYPPEIGDFAFVTNNTYTKHQIRQMEM KILRVLNFSLGRPLPLHFLRRASKVGEVDVEQHTLAKYLMELSMLDYDMVHFAPSQI AAGAFCLALKILDNGEWTPTLQHYLSYSEDSLLPVMQHLAKNVVMVNCGLTKHMTV KNKYAASKHAKISTLAQLNCTLVQNLSKAVTKA	
Purity	>85% (SDS-PAGE)

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Stability	Repeated freezing and thawing is not recommended. Store working aliquots at 4 centigrade for up to one week.
Storage	Store at -20 centigrade, for extended storage, conserve at -20 centigrade or -80 centigrade.
Storage Buffer	Tris-based buffer,50% glycerol
Full Length	Full L.

GENE INFORMATION

Gene Name	Ccnb1 cyclin B1 [Mus musculus (house mouse)]
Official Symbol	Ccnb1
Synonyms	Ccnb1; cyclin B1; CycB1; Cycb-4; Cycb-5; Ccnb1-rs1; Cycb1-rs1; Ccnb1-rs13; G2/mitotic-specific cyclin-B1; cyclin B1, related sequence 1; cyclin B1, related sequence 13
Gene ID	268697
mRNA Refseq	NM_172301
Protein Refseq	NP_758505
UniProt ID	P24860

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