Recombinant Mouse G2/mitotic-specific cyclin-B1 (Ccnb1)

Product Code	CSB-MP004806MO
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	P24860
Product Type	Recombinant Protein
Immunogen Species	Mus musculus (Mouse)
Purity	>85% (SDS-PAGE)
Sequence	MALRVTRNTK INAENKAKVS MAGAKRVPVT VTAASKPGLR PRTALGDIGN KVSEELQARV PLKREAKTLG TGKGTVKALP KPVEKVPVCE PEVELAEPEP EPELEHVREE KLSPEPILVD NPSPSPMETS GCAPAEEYLC QAFSDVILAV SDVDADDGAD PNLCSEYVKD IYAYLRQLEE EQSVRPKYLQ GREVTGNMRA ILIDWLIQVQ MKFRLLQETM YMTVSIIDRF MQNSCVPKKM LQLVGVTAMF IASKYEEMYP PEIGDFAFVT NNTYTKHQIR QMEMKILRVL NFSLGRPLPL HFLRRASKVG EVDVEQHTLA KYLMELSMLD YDMVHFAPSQ IAAGAFCLAL KILDNGEWTP TLQHYLSYSE DSLLPVMQHL AKNVVMVNCG LTKHMTVKNK YAASKHAKIS TLAQLNCTLV QNLSKAVTKA
Source	Mammalian cell
Target Names	Ccnb1
Protein Names	Recommended name: G2/mitotic-specific cyclin-B1
Expression Region	1-430
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	Full length protein
Target Details	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.
Reconstitution	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL.We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.
Shelf Life	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life

of lyophilized form is 12 months at -20°C/-80°C.