



# Recombinant Chicken G2/mitotic-specific cyclin-B3 (CCNB3)

<b>Product Code</b>	CSB-BP004809CH
<b>Storage</b>	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
<b>Uniprot No.</b>	P39963
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Gallus gallus (Chicken)
<b>Purity</b>	≥85% (SDS-PAGE)
<b>Sequence</b>	MPVARSSKAQ SSKQPRASKA PSVTENVPPE KEEGCQAKRS PSSPQGGPKK RSAFGDITNA HKNQVVTGKK EGVKAPTRKA TRAPPAPIVA KNNEINLKKS LRKTPPADVP VEPEKDSVPE EPVQQVPVVE DIDKEQLGDP YANA EYAKEI FDYMREREK FLLPDYMEKQ SDISRDMRAI LVDWMVEVQE NFELNHETLY LAVKLVDPHYL VEVVSMRDKL QLIGSTAVLI ASKFEERCPP CVDDFLYICD DAYKREELIA METSILRTLN FDINIPIPYR FLRRFAKCAR ASMETLTLAR FVCEMTLQEQY DYARERPSKL AASSLLLALT MKNLGGWTPT LEYYSGYCAQ DLHPLVKRLN FLLTYQPCDK LKAVRTKYSH RVFFEVAKTT PMDMMKLEEK LKS
<b>Source</b>	Baculovirus
<b>Target Names</b>	CCNB3
<b>Protein Names</b>	Recommended name: G2/mitotic-specific cyclin-B3
<b>Expression Region</b>	1-403
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	Tag type will be determined during the manufacturing process.
<b>Protein Length</b>	Full length protein
<b>Target Details</b>	This protein 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.
<b>Reconstitution</b>	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.