



Recombinant Human G2/mitotic-specific cyclin-B2 (CCNB2)

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| Product Code | CSB-BP004808HU |
| Storage | Store at -20°C, for extended storage, conserve at -20°C or -80°C. |
| Uniprot No. | O95067 |
| Product Type | Recombinant Protein |
| Immunogen Species | Homo sapiens (Human) |
| Purity | ≥85% (SDS-PAGE) |
| Sequence | MALLRRPTVS SDLENIDTGV NSKVKSHVTI RRTVLEEIGN RVTTRAAQVA KKAQNTKVPV QPTKTTNVNK QLKPTASVKP VQMEKLAPKG PSPTPEDVSM KEENLCQAFS DALLCKIEDI DNEDWENPQL CSDYVKDIYQ YLRQLEVLQS INPHFLDGRD INGRMRAILV DWLVQVHSKF RLLQETLYMC VGIMDRFLQV QPVSRRKKLQL VGITALLAS KYEEMFSPNI EDFVYITDNA YTSSQIREME TLILKELKFE LGRPLPLHFL RRASKAGEVD VEQHTLAKYL MELTLIDYDM VHYHPSKVAA AASCLSQKVL GQGKWNLKQQ YYTGYTENEV LEVMQHMAKN VVKVNENLTK FIAIKNKYAS SKLLKISMIP QLNSKAVKDL ASPLIGRS |
| Source | Baculovirus |
| Target Names | CCNB2 |
| Protein Names | Recommended name: G2/mitotic-specific cyclin-B2 |
| Expression Region | 1-398 |
| 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 | Cyclin B2 is a member of the cyclin family, specifically the B-type cyclins. The B-type cyclins, B1 and B2, associate with p34cdc2 and are essential components of the cell cycle regulatory machinery. B1 and B2 differ in their subcellular localization. Cyclin B1 co-localizes with microtubules, whereas cyclin B2 is primarily associated with the Golgi region. Cyclin B2 also binds to transforming growth factor beta RII and thus cyclin B2/cdc2 may play a key role in transforming growth factor beta-mediated cell cycle control. |
| 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.