

Cyclin-B1 Human Recombinant

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| Item Number | rAP-0909 |
| Synonyms | G2/mitotic-specific cyclin-B1, cyclin B1, CCNB. |
| Description | CCNB1 Human Recombinant produced in E. coli is a single polypeptide chain containing 457 amino acids (1-433) and having a molecular mass of 50.9 kDa. CCNB1 is fused to a 24 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques. |
| Uniprot Accesion Number | P14635 |
| Amino Acid Sequence | MGSSHHHHHH SSGLVPRGSH MGSHMALRVT RNSKINAENK AKINMAGAKR VPTAPAATSK PGLRPTALG DIGNKVSEQL QAKMPMKKEA KPSATGKVID KKLKPPLKEV PMLVPVPVSE PVPEPEPEPE PEPVKEEKLS PEPILVDTAS PSPMETSGCA PAEEDLCQAF SDVILAVNDV DAEDGADPNL CSEYVKDIYA YLRQLEEEQA VRPKYLLGRE VTGNMRAILI DWLVQVQMFK RLLQETMYMT VSIIDRFMQN NCVPKKMLQL VGVTFAMFIAS KYEEMYPPEI GDFAFVTDNT |
| Source | E.coli. |
| Physical Appearance and Stability | Sterile Filtered colorless solution. Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles. |
| Formulation and Purity | The CCNB1 solution (0.25mg/1ml) contains 20mM Tris-HCl buffer (pH 8.0), 150mM NaCl and 10% glycerol. Greater than 80% as determined by SDS-PAGE. |
| Application | |
| Solubility | |
| Biological Activity | |
| Shipping Format and Condition | Lyophilized powder at room temperature. |

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the end users! This product is sold for **Research Use Only**