

Cyclin-B1 Human Recombinant

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 Accession Number	P14635
Amino Acid Sequence	MGSSHHHHH SSGLVPRGSH MGSIMALRVT RNSKINAENK AKINMAGAKR VPTAPAATSK PGLRPRTALG DIGNKVSEQL QAKMPMKKEA KPSATGKVID KKLKPLEKV PMLVPVPVSE PVPEPEPEPE PEPVKEEKL PEPILVDTAS PSPMETSGCA PAEEDLCQAF SDVILAVNDV DAEDGADPNL CSEYVKDIYA YLRQLEEEQA VRPKYLLGRE VTGNMRAILI DWLVQVQMKF RLQETMYMT VSIIDRFMQN NCVPKMLQL VGV TAMFIAS KYEEMYPPEI GDAFVTDNT
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 ender users! This product is sold for **Research Use Only**