

Cyclin-B2 Human Recombinant

Item Number	rAP-0908
Synonyms	G2/mitotic-specific cyclin-B2, HsT17299, cyclin B2.
Description	CCNB2 Human Recombinant produced in E. coli is a single polypeptide chain containing 422 amino acids (1-398) and having a molecular mass of 47.9 kDa. CCNB2 is fused to a 24 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.
Uniprot Accession Number	O95067
Amino Acid Sequence	MGSSHHHHH SSGLVPRGSH MGSHMALLRR PTVSSDLENI DTGVNSKVKS HVTIRRTVLE EIGNRVT- TRA AQVAKKAQNT KVPVQPTKT NVNKQLKPTA SVKPVQMEKL APKGPSPTPE DVSMKEENLC QAFSDALLCK IEDIDNEDWE NPQLCSDYVK DIYQYLRQLE VLQSINPHFL DGRDINGRMR AILVDWLQVQV HSKFRLLQET LYMCVGIMDR FLQVQPVSRK KLQLVGITAL LLASKYEEMF SPNIEDFVYI TDNAYTSSQI REMETLILKE LKFELGRPLP LHFLRRASKA GEVDVEQHTL AKYLMELTLI DYDMVHYHPS
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 CCNB2 solution (0.25mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.2M NaCl, 5mM DTT and 50% glycerol. Greater than 90% 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**