

32-2954: CCNB2 Recombinant Protein

Alternative Name : G2/mitotic-specific cyclin-B2,HsT17299,cyclin B2.

Description

Source : E.coli. 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. CCNB2 is a member of the cyclin family. CCNB2 is vital for regulation of the cell cycle at the G2/M (mitosis) transition. CCNB2 cooperates with the CDK1 protein kinase to create a serine/threonine kinase holoenzyme complex recognized as maturation promoting factor (MPF).

Product Info

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| Amount : | 10 µg |
| Purification : | Greater than 90% as determined by SDS-PAGE. |
| Content : | The CCNB2 solution (0.25mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.2M NaCl, 5mM DTT and 50% glycerol. |
| Storage condition : | 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. |
| Amino Acid : | MGSSHHHHHH SSGLVPRGSH MGSHMALLRR PTVSSDLENI DTGVNSKVKS HVTIRRTVLE EIGNRVTTTRA AQVAKKAQNT KVPVQPTKTT NVNKQLKPTA SVKPVQMEKL APKGPSPTPE DVSMKEENLC QAFSDALLCK IEDIDNEDWE NPQLCSDYVK DIYQYLRQLE VLQSNPHFL DGRDINGRMR AILVDWLVQV HSKFRLLOET LYMCVGIMDR FLQVQPVSrk KLQLVGITAL LLASKYEEMF SPNIEDFVYI TDNAYTSSQI REMETLILKE LKFELGRPLP LHFLRRASKA GEVDVEQHTL AKYLMELTLI DYDMVHYHPS KVAAAASCLS QKVLGQGKWN LKQYYTGYT ENEVLEVMQH MAKNVVKVNE NLTKFIAIKN KYASSKLLKI SMIPQLNSKA VKDLASPLIG RSc |

