
Product Data Sheet

Product Name: CCNB2 Human
 Cat. No.: GP22435
 Batch No.: 1

Product Data

Purity	>98%	Source	E.coli.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
Synonyms	G2/mitotic-specific cyclin-B2; HsT17299; cyclin B2.		
Amino Acid Sequence	<p>MGSSHHHHHH SGLVPRGSH MGSHMALLRR PTVSSDLENI DTGVNSKVKS HVTIRRTVLE EIGNRVTTTRA AQVAKKAQNT KVPVQPTKTT NVNKQLKPTA SVKPVQMEKL APKGPSPTPE DVSMKEENLC QAFSDALLCK IEDIDNEDWE NPQLCSDYVK DIYQYLRQLE VLQSINPHFL DGRDINGRMR AILVDWLVQV HSKFRLQET LYMCVGIMDR FLQVQPVS RK KLQLVGITAL LLASKYEEMF SPNIEDFVYI TDNAYTSSQI REMETLILKE LKFELGRPLP LHFLRRASKA GEVDVEQHTL AKYLMELTLI DYDMVHYHPS KVA AAAASCLS QKVLGQGKWN LKQQYYTGYT ENEVLEVMQH MAKNVVKVNE NLTKFIAIKN KYASSKLLKI SMIPQLNSKA VKDLASPLIG RSc</p>		
Formulation	The CCNB2 solution (0.25mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.2M NaCl, 5mM DTT and 50% glycerol.		

Introduction

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).

Stability

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.

Background

CCNB2 Human Recombinant produced in E. coli is a single polypeptide chain containing

Caution: Product has not been fully validated for medical applications. For research use only.

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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.

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