
Product Data Sheet

Product Name: CCNI Human
 Cat. No.: GP22437
 Batch No.: 1

Product Data

Purity	>98%	Source	Escherichia Coli.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
Synonyms	Cyclin-I; CCNI; CYC1; CYI.		
Amino Acid Sequence	MGSSHHHHHH SGLVPRGSH MGSMKFPGPL ENQRLSFLLE KAITREAQMW KVNVRKMPSN QNVSPQRDE VIQWLAKLKY QFNLYPETFA LASSLLDRFL ATVKAHPKYL SCIAISCFLL AAKTVEEDER IPVVKVLARD SFCGCSSEI LRMERIILDK LNWDLHTATP LDFLHIFHAI AVSTRPQLLF SLPKLSPSQH LAVLTKQLLH CMACNQLLQF RGSMLALAMV SLEMEKLIPD WLSLTIELLQ KAQMDSSQLI HCRELVAHHL STLQSSLPLN SVYVYRPLKH TLVTCDKGVF RLHPSSVPGP DFSKDNSKPE VPVRGTAAFY HHLPAASGCK QTSTKRKVEE MEVDDFYDGI KRLYNEDNVS ENVGSVCGTD LSRQEGHASP CPPLQPVSVM.		
Formulation	CCNI protein solution (1mg/ml) containing 20mM Tris-HCl buffer (pH8.0), 10% glycerol and 0.4M Urea.		

Introduction

CCN1 is a part of the extremely conserved cyclin family, whose members are characterized by a remarkable periodicity in protein abundance through the cell cycle. Cyclins which function as regulators of CDK kinases, shows the highest similarity with cyclin G. Different cyclins display diverse expression and degradation patterns which contribute to the chronological coordination of every mitotic event. The transcript of CCN1 was found to be expressed continually during cell cycle progression.

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

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

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CCNI Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 400 amino acids (1-377 a.a) and having a molecular mass of 44.9kDa. CCNI is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

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