
Product Data Sheet

Product Name: CKS1B Human
 Cat. No.: GP23165
 Batch No.: 1

Product Data

Purity	>98%	Source	Escherichia Coli.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
Synonyms	CDC28 Protein Kinase Regulatory Subunit 1B; CDC28 Protein Kinase 1B; Cyclin-Dependent Kinases Regulatory Subunit 1; NB4 Apoptosis/Differentiation Related Protein; CDC2-Associated Protein CKS1; Cell Division Control Protein CKS1; CDC28 Protein Kinase 1; PNAS-143; PNAS-16; PNAS-18; CKS-1; ckshs1.		
Amino Acid Sequence	MGSSHHHHHH SGLVPRGSH MGSMHKQIY YSDKYDDEEF EYRHVMLPKD IAKLVPKTHL MSESEWRNLG VQQSQGWVHY MIHEPEPHIL LFRRPLPKKP KK		
Formulation	The CKS1B solution (1mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 1mM DTT, 150mM NaCl and 20% glycerol.		

Introduction

CKS1B protein which binds to the catalytic subunit of cyclin dependent kinases is vital for their biological function. The CKS1B mRNA is expressed in HeLa cells during the course of cell cycle in several forms which suggests that the encoded protein has a particular function. Two transcript variants were identified for this gene however it seems that only one of them encodes a protein.

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

CKS1B Human Recombinant produced in E.coli is a single, non-glycosylated polypeptide chain containing 102 amino acids (1-79) and having a molecular mass of 12.0 kDa. CKS1B is fused to a 23 amino acid His-tag at N-terminus.

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

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