

CKS1B, 1-79aa, Human, His tag, E.coli

Cat.NO.: TP01633

3th Edition

Synonyms:Cyclin-dependent kinases regulatory subunit 1, CDC28 protein kinase regulatory subunit 1B, CKS1, ckshs1, PNAS-16, PNAS-18

Description:CKS1B protein binds to the catalytic subunit of the cyclin dependent kinases and is essential for their biological function. The CKS1B mRNA is found to be expressed in different patterns through the cell cycle in HeLa cells, which reflects a specialized role for the encoded protein. At least two transcript variants have been identified for this gene, and it appears that only one of them encodes a protein. Recombinant human CKS1B protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.

Form:Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.15M NaCl, 20% glycerol, 1mM DTT

Molecular Weight:12.0 kDa (102aa) confirmed by MALDI-TOF

Sequences:

MGSSHHHHHSSGLVPRGSHMGSMQIYYSDKYDDEEFYRHHVMLPKDIAKLVPKTHLMSESEWRNLGVQQS
QGWVHYMIHEPEPHILLFRRPLPKKPKK

Purity:> 95% by HPLC

Concentration:1.0 mg/ml (determined by Bradford assay)

Endotoxin Level:<1.0 EU per 1 ug of protein (determined by LAL method)

Storage:Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.