Recombinant human CKS1B protein

Catalog Number: ATGP2511

PRODUCT INFORMATION

Expression system
E.coli

Domain
1-79aa

UniProt No.
P61024

NCBI Accession No.
NP_001817

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

PRODUCT SPECIFICATION

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

Concentration
1mg/ml (determined by Bradford assay)

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

Purity
> 95% by SDS-PAGE

Tag
His-Tag

Application
SDS-PAGE

Storage Condition
Can be stored at +2C to +8C for 1 week. For long term storage, aliquot and store at -20C to -80C. Avoid repeated freezing and thawing cycles.

BACKGROUND

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.

Recombinant human CKS1B protein

Catalog Number: ATGP2511

Amino acid Sequence

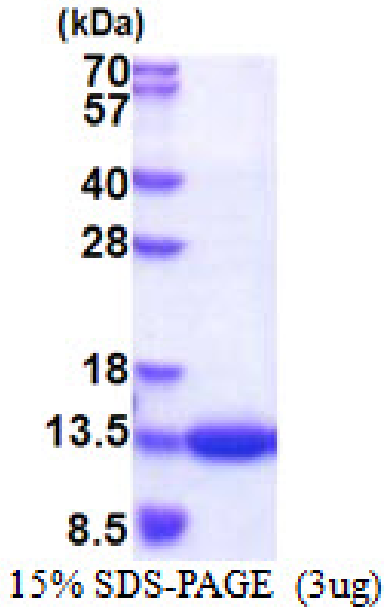
MGSSHHHHHH SSGLVPRGSH MGSMSHKQIY YSDKYDDEEF EYRHVMLPKD IAKLVPKTHL MSESEWRNLG VQQSQGWVHY MIHEPEPHIL LFRRPLPKKP KK

General References

Richardson H.E., Stueland C.S., et al. (1990) Genes Dev. 4:1332-1344

DATA

SDS-PAGE



3ug by SDS-PAGE under reducing condition and visualized by coomassie blue stain.