

Recombinant Human CKS1B

Cat. No. CKS1B-26703TH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human CKS1 produced in <i>Saccharomyces cerevisiae</i> ; amino acids 1-79 , 9.7kDa with a 26kDa tag.
Species	Human
ProteinLength	1-79 a.a.
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.
Form	Liquid
Purity	Immunogen affinity purified
Storage buffer	Preservative: None Constituents: 30% Glycerol, 0.5% Triton-X-100, 50mM HEPES, 30mM Glutathione, 100mM Sodium chloride, 1mM DTT, pH 7.5
Storage	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid repeated freeze / thaw cycles.
Sequences of amino acids	MSHKQIYYSDKYDDEEFYRHHVMLPKDIAKLVPKTHLMSE SEWRNLGVQQSQGWV HYMIHEPEPHILLFRRPLPKKPK K

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Full Length

Full L.

GENE INFORMATION

Gene Name

CKS1B CDC28 protein kinase regulatory subunit 1B [Homo sapiens]

Official Symbol

CKS1B

Synonyms

CKS1B; CDC28 protein kinase regulatory subunit 1B; CDC28 protein kinase 1B; cyclin-dependent kinases regulatory subunit 1; CKS1; ckshs1;

Gene ID

1163

mRNA Refseq

NM_001826

Protein Refseq

NP_001817

MIM

116900

Uniprot ID

P61024

**Chromosome
Location**

1q21.2

Pathway

Cell Cycle, Mitotic, organism-specific biosystem; Cyclin A:Cdk2-associated events at S phase entry, organism-specific biosystem; Cyclin D associated events in G1, organism-specific biosystem; Cyclin E associated events during G1/S transition, organism-specific biosystem; FOXM1 transcription factor network, organism-specific biosystem;

Function

cyclin-dependent protein kinase regulator activity; kinase activity; protein binding;

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