

## Recombinant Human CKS1B protein, His-tagged

**Cat. No.** CKS1B-0154H    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                              |
|-------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human CKS1B protein(1-79 aa), fused with N-terminal His tag, was expressed in E.coli.                                                                                                                                                                                                                                                                            |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Source</b>           | E.coli                                                                                                                                                                                                                                                                                                                                                                       |
| <b>ProteinLength</b>    | 1-79 aa                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Form</b>             | The purified protein was lyophilized from sterile phosphate-buffered saline (PBS: 58 mM Na <sub>2</sub> HPO <sub>4</sub> , 17 mM NaH <sub>2</sub> PO <sub>4</sub> , 68 mM NaCl, pH 7.4). Prior to lyophilization, 5% (w/v) trehalose and 5% (w/v) mannitol were incorporated as cryoprotective excipients. The protein was eluted with a buffer containing 300 mM imidazole. |
| <b>AASequence</b>       | MSHKQIYYSDKYDDEEFYRHVMLPKDIAKLVPKTHLMSESEWRNLGVQQSQGWV<br>HYMIHEPEPHILLFRRPLPKPKK                                                                                                                                                                                                                                                                                            |
| <b>Purity</b>           | 85%, by SDS-PAGE with Coomassie Brilliant Blue staining.                                                                                                                                                                                                                                                                                                                     |
| <b>Storage</b>          | Store at 2-8°C for 1-2 weeks. Aliquot and store at -20°C to -80°C for up to 3 months, reconstitution with sterile water and addition of an equal volume of glycerol. Avoid repeat freeze-thaw cycles.                                                                                                                                                                        |
| <b>Reconstitution</b>   | Dissolve the product in 200 µl sterile water to achieve a working concentration of 0.25 g/                                                                                                                                                                                                                                                                                   |

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μl. If experimental compatibility allows, mix the aqueous solution with an equal volume of glycerol (1:1 ratio) after initial reconstitution.

## GENE INFORMATION

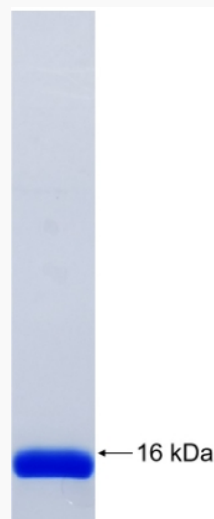
|                        |                                                                                                                                                                                                                                                                                                                      |
|------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Gene Name</b>       | CKS1B CDC28 protein kinase regulatory subunit 1B [ Homo sapiens ]                                                                                                                                                                                                                                                    |
| <b>Official Symbol</b> | CKS1B                                                                                                                                                                                                                                                                                                                |
| <b>Synonyms</b>        | CKS1B; CDC28 protein kinase regulatory subunit 1B; CDC28 protein kinase 1B; cyclin-dependent kinases regulatory subunit 1; CKS1; ckshs1; CKS-1; PNAS-143; CDC28 protein kinase 1; CDC2-associated protein CKS1; cell division control protein CKS1; NB4 apoptosis/differentiation related protein; PNAS-16; PNAS-18; |
| <b>Gene ID</b>         | 1163                                                                                                                                                                                                                                                                                                                 |
| <b>mRNA Refseq</b>     | NM_001826                                                                                                                                                                                                                                                                                                            |
| <b>Protein Refseq</b>  | NP_001817                                                                                                                                                                                                                                                                                                            |
| <b>MIM</b>             | 116900                                                                                                                                                                                                                                                                                                               |
| <b>UniProt ID</b>      | P61024                                                                                                                                                                                                                                                                                                               |

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## SDS-PAGE



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