

## Recombinant Human CCND1 protein, His-tagged

Cat. No. CCND1-3456H Lot. No. (See product label)

### SPECIFICATION

|                         |   |
|-------------------------|---|
| <b>Product Overview</b> | Recombinant Human CCND1 protein(1-42 aa), fused to His tag, was expressed in E. coli.   |
| <b>Species</b>          | Human   |
| <b>Source</b>           | E.coli  |
| <b>ProteinLength</b>    | 1-42 aa   |
| <b>Form</b>             | The purified protein was Lyophilized from sterile PBS (58mM Na <sub>2</sub> HPO <sub>4</sub> , 17mM NaH <sub>2</sub> PO <sub>4</sub> , 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. The elution buffer contain 300mM imidazole. |
| <b>AA Sequence</b>      | MEHQLLCCEVETIRRAYPDANLLNDRVLRAMLKAEETCAPSV  |
| <b>Purity</b>           | 95%, by SDS-PAGE with Coomassie Brilliant Blue staining.  |
| <b>Storage</b>          | Short-term storage: Store at 2-8°C for (1-2 weeks).<br>Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, buffer containing 50% glycerol is recommended for reconstitution. Avoid repeat freeze-thaw cycles.  |
| <b>Reconstitution</b>   | Reconstitute at 0.25 g/μl in 200 μl sterile water for short-term storage.<br>Reconstitution with 200 μl 50% glycerol solution is recommended for longer term storage.   |

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## GENE INFORMATION

|                        |  |
|------------------------|--|
| <b>Gene Name</b>       | CCND1 cyclin D1 (PRAD1: parathyroid adenomatosis 1) [ Homo sapiens ]   |
| <b>Official Symbol</b> | CCND1  |
| <b>Synonyms</b>        | CCND1; cyclin D1 (PRAD1: parathyroid adenomatosis 1); BCL1, cyclin D1 (PRAD1: parathyroid adenomatosis 1) , D11S287E, PRAD1; B cell CLL/lymphoma 1; G1/S specific cyclin D1; parathyroid adenomatosis 1; U21B31; BCL-1; PRAD1; D11S287E; |
| <b>Gene ID</b>         | 893  |
| <b>MIM</b>             | 168461   |
| <b>UniProt ID</b>      | P24385   |

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