

**Cyclin-dependent kinase 4**

**Human, Recombinant, *E. coli***

**Cat. No.:** RCP9234  
RCP9235  
RCP9111

**Size:** 10µg  
100µg  
1000µg

**Synonym:**

CDK4

**Description:**

Cyclin-dependent kinase 4 combines with the protein cyclin D to form a protein complex that promotes the passage of cells through the G1 checkpoint in the cell growth cycle. This cellular activity is regulated by the protein p16 produced by p16<sup>INK4a</sup>. Normally, p16 controls cell growth by inhibiting the activity of the CDK4–cyclin D complex and stopping cells at the G1 checkpoint.

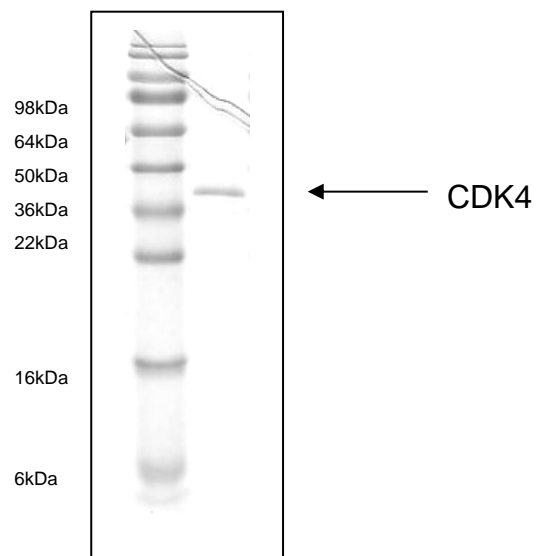
**RANDOX** recombinant CDK4 comprises a 303 amino acid fragment (1-303) corresponding to the mature CDK4 protein and is expressed in *E. coli* with an amino-terminal hexahistidine tag. This product is for research use only and is not intended for diagnostic or therapeutic use.

**Form:**

Liquid.

**Purity:**

>95% by SDS-PAGE



**References:**

Wölfel T. *et al.* (1995) *Science* **269**: 1281-84.