

Recombinant Mouse Cdk10 Protein, Myc/DDK-tagged

Cat. No. Cdk10-2084M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length cyclin-dependent kinase 10 (Cdk10), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	The protein encoded by this gene belongs to the CDK (cyclin-dependent kinase) subfamily of the Ser/Thr protein kinase family. The CDK subfamily members are highly similar to the gene products of <i>S. cerevisiae</i> cdc28, and <i>S. pombe</i> cdc2, and are known to be essential for cell cycle progression. The human ortholog has been shown to play a role in cellular proliferation. Multiple transcript variants encoding different isoforms have been found for this gene. A related pseudogene exists on chromosome 1.
Molecular Mass	41.4 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade after receiving vials.
Concentration	>50 µg/mL as determined by microplate BCA method

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Storage Buffer 25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

GENE INFORMATION

Gene Name Cdk10 cyclin-dependent kinase 10 [*Mus musculus* (house mouse)]

Official Symbol Cdk10

Synonyms CDK10; cyclin-dependent kinase 10; cyclin dependent kinase 10; cell division protein kinase 10; cyclin-dependent kinase (CDC2-like) 10; BC017131

Gene ID 234854

mRNA Refseq NM_194446

Protein Refseq NP_919428

UniProt ID Q3UMM4

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