

## Recombinant Mouse Cdk1 Protein, MYC/DDK-tagged

Cat. No. Cdk1-854M Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Purified recombinant protein of full-length mouse cyclin-dependent kinase 1 (Cdk1), with C-terminal MYC/DDK tag, was expressed in HEK293T cells.
<b>Species</b>	Mouse
<b>Source</b>	HEK293
<b>Description</b>	Biased expression in liver E14 (RPKM 47.0), placenta adult (RPKM 44.1) and 11 other tissues
<b>Molecular Mass</b>	34.1 kDa
<b>Purity</b>	>80% as determined by SDS-PAGE and Coomassie blue staining
<b>Stability</b>	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
<b>Storage</b>	Store at -80 centigrade after receiving vials.
<b>Concentration</b>	>50 g/mL as determined by microplate BCA method
<b>Storage Buffer</b>	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

### GENE INFORMATION

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<b>Gene Name</b>	Cdk1 cyclin-dependent kinase 1 [ Mus musculus (house mouse) ]
<b>Official Symbol</b>	Cdk1
<b>Synonyms</b>	Cdk1; cyclin-dependent kinase 1; Cdc2; Cdc2a; p34; cyclin-dependent kinase 1; cell cycle p34 CDC2 kinase protein; cell division control protein 2 homolog; cell division cycle 2 homolog A; cell division cycle control protein 2a; cell division protein kinase 1; p34 protein kinase; EC 2.7.11.22; EC 2.7.11.23
<b>Gene ID</b>	12534
<b>mRNA Refseq</b>	NM_007659
<b>Protein Refseq</b>	NP_031685
<b>UniProt ID</b>	P11440

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